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| TDS44 Westox Brick Stain Page 14 | A coloured, natural looking stain for masonry. Used to colour bricks, sandstone and other masonry products when changing the colour or matching to the existing colour is required. | Apply to the masonry and if necessary dilute with water on surface until colour is achieved. Colour matching service available. |
| TDS62 Westox 6:1:1 Mortar / Render Page 15 | Putty lime and cement-based mortar formulated to be used for a wide range of plastering repair work. For the repairs and Replastering of sandstone, brick, concrete and blockwork. Compatible with early cement mortars and modern mixes when used in repair work | 20kg bag to 4-5 litres of water to reach a usable consistency. For thicker applications a stiffer mix containing less water may be required. |
| TDS79 Floor Screed Page 16 | A universal cement based floor screed mix formulated with specially graded quartz sand and Portland cement. | Coverage is approximately 1m ² per 20kg bag @10-12mm thick finish. Initial set time 2 hours, can be walked on after 8 hours. |
| TDS84 & TDS85 High Build Acrylic Filler Page 17 | Is a flexible filler with outstanding performance for levelling pre-primed surfaces Westox High Build Acrylic can be used where a high degree of levelling and smoothing is required for joints on concrete walls and other masonry surfaces or with the correct primer, on plastic substrates. | Apply by trowel on primed surface. |
| TDS113 Sand and Cement M4 Mortar Page 18 | Designed specifically for use as a render or general mortar in areas where high salinity is expected such as situations where contact with the ground is required, in fully submersed conditions or exposure to constant sea spray etc. | Apply the Sand and Cement M4 Mortar at the required thickness with a steel trowel. |
| TDS29 Westox Paver Sealer Page 19 | A masonry sealer for concrete floors and driveways. Can also be used on exposed aggregate and slate floor tiles. | 8 - 10m ² per Litre. Two coats required. |
| TDS10 Westox AP Glazecoat Page 20 | A high performance two pack UV stable high gloss acrylic urethane. Used as an anti-graffiti coating and on surfaces that require a high resistance to solvents such as hand rails, food preparation areas, car parks and petrol stations. | 8 –10m ² per Litre per coat. Two coats required. Available in high gloss clear, colours made to order. |
| TDS71 Westox Sealer Binder Page 21 | Used as a calcium converter during remedial works on concrete balconies previously affected with efflorescence. Remove all contaminated tiles and screeds back to the original concrete substrate before applying the product. | 4 – 6m ² per Litre. One coat required. |
| TDS69 Westox Non Whitening Concrete Sealer Page 22 | A sealer / dust proofer for concrete and cementitious floors including car parks and warehouses. | 8 – 10m ² per Litre. Two coats required. |
| TDS92 Westox Calcium Dissolver Page 23 | A mild acid-based material used for removing calcium stains from non-lime-based masonry such as brick, granite or sand stone. Can also be used for removing rust stains from the surface of stone containing iron fragments. | Apply with a brush and gently agitate to remove stains. Several coats may be required depending on depth and concentration of stain. |
| TDS93 Westox Neutralising Solution Page 24 | Used to neutralise surfaces following the use of Calcium Dissolver. Also used in neutralising residual acid following brick cleaning procedures which utilise hydrochloric acid. | Apply by brush, roller or spray. Allow 5 minutes to react, then rinse off thoroughly with clean water. |
| TDS36 Westox Plastalite Expanded Metal Lathing Plaster Page 25 | Applied in two coats over an expanded metal sheet background. First a scratch coat to form a base, then a float coat ruled flat ready for Plastalite Multifinish set coat. Also used for repairs on traditional wood lath ceilings. | Approximately 2m ² per 20kg bag. Scratch coat @ 10mm thick min. Float coat @ 8mm thick min. Set time 1 – 1.5 hours. |

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| TDS31 Westox Plastalite Rehabilitation Render Page 26 | Lightweight render system designed to inhibit the emergence of hygroscopic salts. Used for the replastering of walls after the successful treatment of rising and lateral damp, as an insulative render and as a general cement render for internal and external applications. | 3m ² per 25g bag @10mm thick. Initial set time 2hrs / full 8hrs. |
| TDS32 Westox Plastalite Multi Finish Page 27 | Skim coat for interior use, which provides a hard flat smooth surface ready for painting. Used as a finish coat over lime render, cement render, plasterboard, concrete and the Plastalite range. | 8 - 10m ² per 20kg bag @ 2 – 3mm thick. Set time 1 hour. |
| TDS49 Westox Plastalite Bagging Mix Page 28 | A lime and cement-based bagging mortar formulated for applying a bagging finish on feature walls or for filling blow holes in concrete. | 4 – 5 Litres of water. 5m ² @ 3mm thickness 3m ² @ 5mm thickness. |
| TDS60 Westox Plastalite Handy Mortar Page 29 | A sand, lime and cement base formulated for a wide range of substrates. Used for general purpose repairs. Ideal for repairing chips and imperfections on cement render finishes. | 20kg bag requires 4 – 5 Litres of water to reach a workable consistency. High profile applications require less water to make a stiffer consistency. |
| TDS72 Westox Mortar Modifier Page 30 | Acrylic additive used as the Part B to a range of the Westox Plastalite Products as a gauging liquid in place of water to increase the strength. | Supplied in pre-measured 5 Litre containers to allow less waste. |
| TDS78 Westox Plastalite Monocouche Render Page 31 | A decorative coloured and weatherproof render finish aesthetically enhancing the exterior of buildings. | A 20kg bag covers approximately 1m ² @ 10 – 12mm thick. |
| TDS24 Westox WB25 Epoxy Page 32 | Clear two-part water-based epoxy. Used as a primer, binder, sealer and in concrete repair mortars. | Sealer coverage approximately 8m ² per Litre, two coats required. Concrete Repair three parts sand to one part cement, to one part by volume Westox WB25 Epoxy. |
| TDS25 Westox WB30 Epoxy Page 33 | Two-part water-based epoxy, coloured. Uses include, basements, concrete and cement render priming, lift pits, retaining walls, fish ponds, water tanks (potable). Also used as a primer for Westox WB36 Epoxy. | Primer 5m ² per Litre one coat. Allow 24 hours drying @25°C. Vapour Barrier 3m ² per Litre 1st coat. 5m ² per Litre 2nd coat. |
| TDS70 Westox Polymesh Page 34 | A 100% polyester material used to reinforce waterproofing membranes. Used in corners, joints and cracks. | Available widths: 50mm, 70mm, 100mm, 150mm, 200mm, 300mm, 500mm, 1220mm x 50 & 100L/m. |
| TDS20 Westox Water Repellent Page 35 | A clear impregnating water repellent that penetrates and chemically reacts with cementitious surfaces protecting them against spalling and rebar corrosion by locking out water and harmful waterborne contaminants. Does not change colour or appearance of brick or stone. | Application two flood coats, wet on wet. Can be applied to damp surface. Brick 2 – 5m ² per Litre. Concrete 5m ² per Litre. Concrete (steel trowel finish) 7.5m ² per Litre. Coverage rate may vary depending on the absorption of the surface. |
| TDS21 Westox Stain Shield Page 36 | Formulated to impregnate porous masonry materials and provide water and oil repellence. Used on concrete, brick, stone as well as non porous materials such as marble and granite. | Brick 10 – 12m ² per Litre per coat Concrete 10m ² per Litre per coat. Concrete (steel trowel) 12 - 15m ² per Litre per coat. 2 coats required. |
| TDS22 Westox Creteseal Page 37 | A penetrating acrylic sealer / dustproofers. Used on car parks and in warehouses. | 10m ² per Litre per coat. Two coats required. |
| TDS57 Westox Premier Paver Cleaner Page 38 | Used to prevent and eliminate moss and mould growth on masonry, paths and walls. Can also be used on roof tiles to prevent lichens. | 5 parts water to 1 part Premier Paver Cleaner. Apply by wetting surface and leave. |

HERITAGE RESTORATION

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| Westox Cocoon Desalination System Colour Brochure Page 39 | Cocoon desalination system, some major projects local and overseas with technical specifications. | |
| TDS17 Westox Cocoon Page 40 | Poulticing medium, designed to remove salts associated with rising and lateral damp from masonry walls and sandstone. | 1m ² per 7kg. 2 - 3 m ² per 20 Litre drum @ 10mm thickness. Leave each application for 14 days. (subject to temperature And site conditions) Minimum two applications. |
| Westox Ceiling Reinstatement System Colour Brochure Page 41 | For the restoration and stabilisation of lath and plaster ceilings, includes technical specifications. | |
| TDS12 Westox RAP Primer Page 42 | Penetrating primer for wood lath ceiling reinstatement and for re-establishing the adhesion of drummy plaster/render. It is also used as a primer under Westox Lime Wash. | For Ceiling Reinstatement 1m ² per Litre. As a primer for Limewash 5m ² per Litres. |
| TDS13 Westox RAP Adhesive Ceiling Reinstatement Page 43 | Pure acrylic adhesive for wood lath ceiling reinstatement and for re-establishing the adhesion of drummy plaster/render. It can also be used as a primer under Plastalite Multi Finish. | For Ceiling Reinstatement 1m ² per Litre. As a primer for Multifinish 5m ² per Litres. |
| TDS90 RAP Thickened Adhesive Page 44 | Used in conjunction with other RAP products where specific requirements for a thicker adhesive are required such as excessive gaps, rusted nails or missing plaster keys. | 7 days full cure time. |
| Westox Chemical Damp Proof Course System Colour Brochure TDS14 Westox 50 Low Odour Chemical Injection Fluid Page 45 | Product data and general technical specifications. Used in the Westox Chemical Injection System for the treatment of rising damp. | Installed to specification by a preferred applicator trained in the application of Westox products. Approximately 1.5 to 2 litres per lineal metre of 110mm thick wall. |
| TDS16 Westox Salt Retarder Page 46 | An additive for render to ensure that residual hygroscopic salts are discouraged from moving to the new surface during the drying out of the walls after the successful treatment of rising or lateral damp. | 1 part Salt Retarder to 40 parts water. 500mls to 20 Litres of water. 1 Litre per 10m ² . Mix with three parts plastering sand and one part cement (GP). |
| TDS15 Westox Interproof Page 47 | Used in concrete and mortar mixes to form a permanent water proof lining. Used above and below ground level, such as basements, tanks, lift wells, tunnels and planter boxes. | 1 part Interproof to 30 parts water. 500mls to 15 Litres of water. 1 Litre per 8m ² . Mix with three parts plastering sand and one part cement (GP). |
| TDS73 Tramex Moisture Encounter 5 - ME5 Page 48 | Used to detect moisture content on a variety of surfaces. Non-destructive, simple to use. | Suitable for masonry, wood, and plasterboard. |
| TDS103 Tramex Concrete Moisture Encounter 5 – CME5 Page 49 | Used to detect moisture content on concrete. | Suitable for concrete surfaces. |

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| TDS47 Westox Coarse Stuff Page 50 | A mixture of triple washed sand and hand slaked lime with a Pozzuolanic additive. Used in heritage work for repointing, laying brick and stonework and traditional plastering of walls and ceilings. | Two-part 13 Litre kit re-points approximately 4m ² of brickwork 10mm wide x 25mm deep joints. Render 1.3m ² at 10mm thick. |
| TDS53 Westox Repoint Page 51 | Sand and cement based repointing mortar formulated to be used with a wide range of powered and manual grouting guns or hand placement. Used on sandstone, brick and block work. | 20kg bag covers approximately 4m ² with brickwork joints 10mm x 25mm. Add 4 – 5 Litres of water to reach a gunable consistency. Use stiffer mix for wider joints. |
| TDS19 Westox Tuckpoint Page 52 | A fine sand, lime and Pozzuolan with a small amount of cement designed to provide a mortar mix with moderate strength which will not be detrimental to the brick or stone where it is used. Can be used for pointing stone where the appearance of masons putty is required. | For tuck pointing 5mm x 2mm 20kg covers approx. 1000L/m For repointing stone 5mm x 20mm 20kg covers approx. 130L/m Standard colours: White, Buff, Off White and Black. |
| TDS58 Westox Lime Products Page 53 | Limes are the base of most traditional mortars and plaster mixes. Westox Lime is aged for a minimum of 14 days prior to sale. | |
| TDS64 Westox Slaked Lime Page 54 | Calcium Hydroxide - Coarse grade for brick or stone laying mortars. | Un-sieved. |
| TDS66 Westox Putty Lime Page 55 | Calcium Hydroxide - For plastering, render and set finishes and for general purpose use. | Sieved through a 20 mesh sieve. |
| TDS65 Westox Run Lime Page 56 | Calcium Hydroxide - Fine grade for in-situ cornice work and Traditional Limewash formulations. | Sieved through a 40 mesh sieve. |
| TDS52 Westox Limewash Page 57 | A traditional coating designed for heritage buildings. Used for internal or external finishes. Can be matched to traditional pastel colours. | 5m ² per litre, per coat, minimum 3 coats required. |
| TDS51 Westox Pozzuolan Page 58 | An additive used to provide increased strength to traditional mortars and convert aerial lime to hydraulic lime. | Use at the rate of 25 – 30% Pozzuolan to lime, by volume. |
| TDS68 St Astier Hydraulic Lime Page 59, 60 & 61 | Available in grades of 2, 3.5 and 5. Used in mortar mixes. | Supplied in 25kg bag. Shelf Life 8 – 12 months. |
| TDS86 Westox Hydraulic Lime Restoration Grout Page 62 | Is a free-flowing Natural Hydraulic lime mortar. Used to fill voids in brick and stone walls prior to the installation of a chemical damp proof course or provide additional strengthening to weak masonry walls. | Supplied in 20kg bag. Shelf life 3 months in unopened bag. |
| TDS39 Westox D-Lam 20 Page 63 | Is a solvent based paint removal system in an easy-to-use paper pulp carrier. Used to remove paint from timber, plaster and masonry. | Apply by trowel at approximately 3 – 5mm thickness. 20L covers approximately 6 – 9m ² . |
| TDS40 Westox D-Lam 100 Page 64 | A solvent based gel formulated for the removal of paint. Used on timber, plaster and masonry. | Apply by brush at approximately 1 - 3 mm thickness. 1m ² per Litre. |
| TDS77 Westox Plastalite Hydraulic Lime Stone Repair Mortar Page 65 | Formulated for repairs to horizontal, vertical and overhead surfaces of stone, render and mouldings. | Apply by trowel/float to dampened surface. 12m ² per 20kg @ 1mm thick. Maximum build 140mm. |

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| TDS34 Westox Plastalite Stone Repair Mortar Page 66 | Two-part acrylic modified mortar. Used to repair broken and delaminated stone, render and mouldings on horizontal, vertical or overhead surfaces. | Apply by trowel/float to dampened surface. 12m ² per 20kg kit @ 1mm thick. Maximum build 100mm. Initial set time 2hrs / Full 8hrs. |
| TDS33 Westox Plastalite High Build Repair Mortar Page 67 | Formulated for repairs to horizontal, vertical and overhead concrete and masonry. | 12m ² per 15kg bag @ 1mm thick. Min build 1mm / Max build 100mm Initial Set time 2hrs / Full 8hrs. |
| TDS35 Westox Plastalite Fairing Coat Page 68 | External skim coat used on masonry substrates to provide a flat smooth surface for painting. Also used to fill blow holes in concrete. | 12m ² per 15kg bag. Thickness 1mm. Drying time 3 days before coating. |
| TDS45 Westox Grouting Mortar Kit Page 69 | A two component, high strength cement based grouting mortar with minimal shrinkage. Used in conjunction with Westox Crack Stitching Bars as a bedding mortar. | 21kg kit covers approximately 30L/m joint size 10mm wide x 35mm deep. 3 hours set time, 30 days full cure. |
| TDS43 Westox Remedial Ties TDS43 Westox Remedial Tie Tool Page 70 | Used for structural reinforcement, anchorage fixings and the replacement of failed cavity ties in masonry walls. Austenitic 316 reinforcing stainless steel rod. Used for the installation of Westox remedial ties. | 8mm diameter, standard lengths 200mm, 220mm, 250mm. Custom lengths available on request. Attaches to SDS hammer drill. |

| WATERPROOFING | | |
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| TDS23 Westox CR25 Page 71 | A latex based emulsion used as a tanking membrane for internal and external walls and to provide a sealed surface on concrete substrates under sheet membrane. Used as an adhesive between layers of concrete and to bond normal render to high strength concrete. | Mixing ratio 1 part CR25 to two parts cement by volume. 5Lt CR25 and 10 Litre cement = 12.5m ² @ 1mm thick. |
| TDS81 Westox FCM Kit Page 72 | A two-component latex-based emulsion. When mixed provides a flexible waterproof coating. Suitable as a flexible coating inside planter boxes. | Apply by brush, broom, fine texture roller or spray is recommended. Add powder to liquid and mix. Yield 1Kg mixed product covers 1m ² at a thickness of 1mm. |
| TDS54 Westox Calox Page 73 | A poly functional silane with extremely low voc. Providing maximum protection for concrete and masonry surfaces. Added to gauging water of various cement-based mortars to remove the capillary and reduce efflorescence occurring. | 1 Litre per 100 Litres of water. Tiler's screed 1% in gauging water. |
| TDS59 Westox Wet Area Membrane Page 74 | A liquid applied Butadiene rubber membrane for wet areas including showers, bathrooms and balconies. Complies with AS/NZS 4858. | 500ml/600g per m2 (600-micron WFT) per coat, two coats required. Total finished DFT should not be less than 600 microns. |
| Soudaseal SMX35 Page 75 | High quality, neutral, elastic, one component polymer adhesive sealant. Used for joints in wet areas, expansion joints, sealing and bonding. | 600ml sausage. Available in a range of colours. |

HIGHBLOCK C

TDS01 Rev7 17/02/20

DESCRIPTION

Westox Highblock C is a solvent primer based on thermoplastic resins.

USES

A highly adhesive penetrating primer which “locks” into substrate to provide a mechanically stable surface for following surface coatings. It can be used on masonry, fibrous cement sheets and all cementitious surfaces and over sound acrylic coatings.

PREPARATION

Drying time touch dry in 20 minutes @ 20°C.
Drying times will be longer on cold or humid days.
Coverage depending on surface 8 – 10m² per Litre.

APPLICATION

The surface to be treated should be clean and sound, free from oil, grease, flaking paint, laitance and material deleterious to the adhesion of the coating system.

Repair unsound substrates.

Surface should not be too smooth.

Apply by brush, roller or airless spray.

Apply small test area if covering an existing coating.

If bubbling occurs this usually indicates that existing coating is unsound and should be removed.

Do not thin out material.

Once High Block C is touch dry, top coat can be applied.

CLEAN UP

Wash all equipment with Westox General Purpose Thinners immediately after use.

PACKAGING

4 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

Material is flammable.

DO NOT ALLOW NAKED FLAME NEAR OPEN CONTAINERS.

WESPRIME

TDS38 Rev6 17/02/20

DESCRIPTION

A cost effective resin rich primer based on a pure acrylic resin.

USES

Wesprime is a pre-mixed primer. It is an excellent primer for wood, cement roof tiles, cement render, concrete or previously coated sound substrates that are to be coated with Westox Colourcote, Satintex, Glosstex or Wesdex. Wesprime can also be used as a clear glaze coat over WX Colourcote.

PREPARATION

All surfaces to be coated must be clean, dry and free of any material that may affect the adhesion of the primer. Repair any unsound substrate prior to coating.

APPLICATION

No mixing required. Apply by brush, roller or spray. If unsure of adhesion, carry out a small test section prior to full application. Allow primer to dry for a minimum 1 hour @ 25°C before applying top coats. A longer cure time will be required in lower temperatures.

TECHNICAL DATA

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| Drying Time | Approximately 20 mins @ 25°C |
| Recoat Time | Approximately 1 hour @ 25°C |
| Solids as supplied | 25% + - 3% |
| Coverage | 5 - 6m ² per Litre, one coat. |

CLEAN UP

Clean all equipment in water immediately after use.

PACKAGING

4 Litre & 20 Litre.

SHELF LIFE

12 months

SAFETY

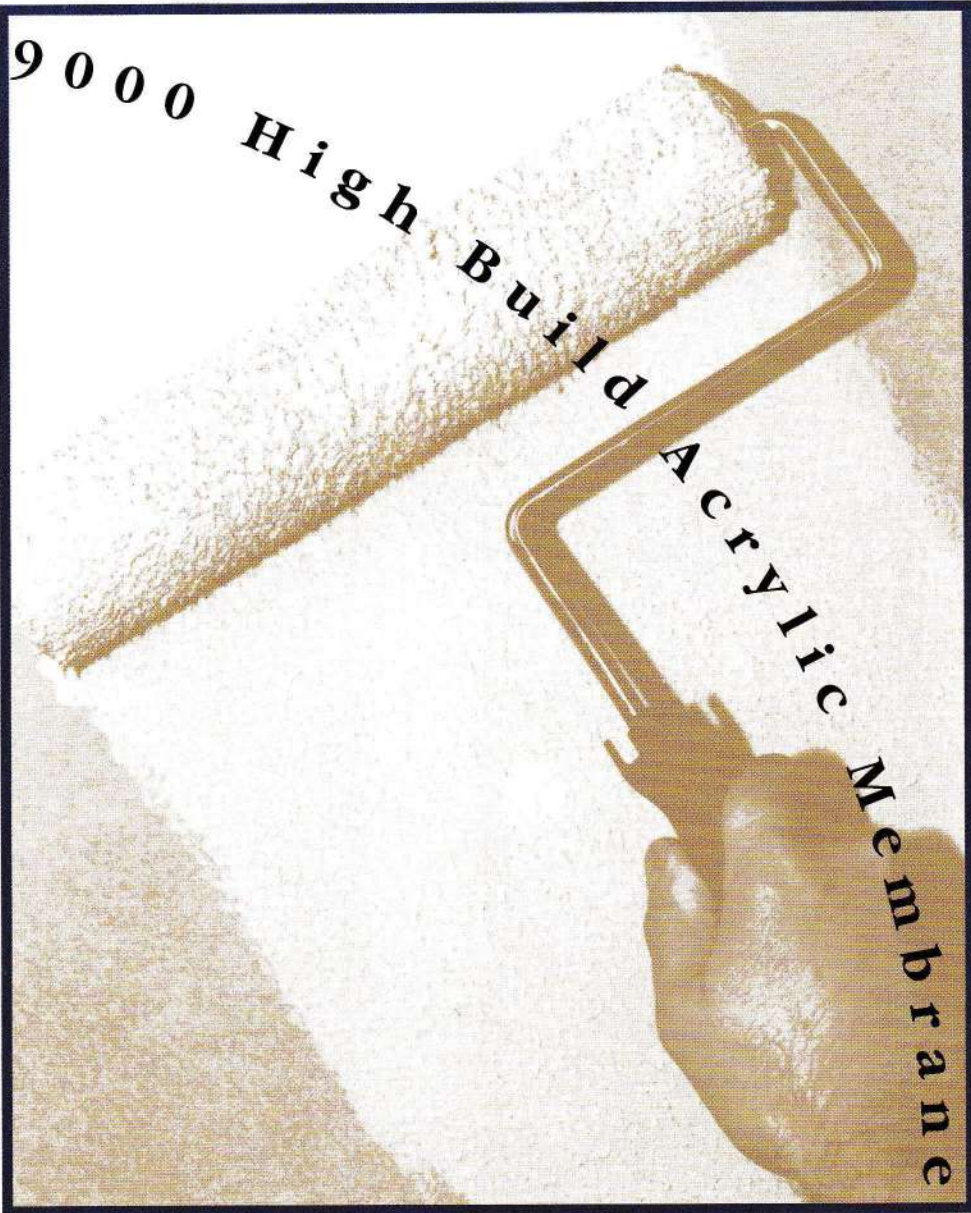
Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WESTOX
BUILDING PRODUCTS

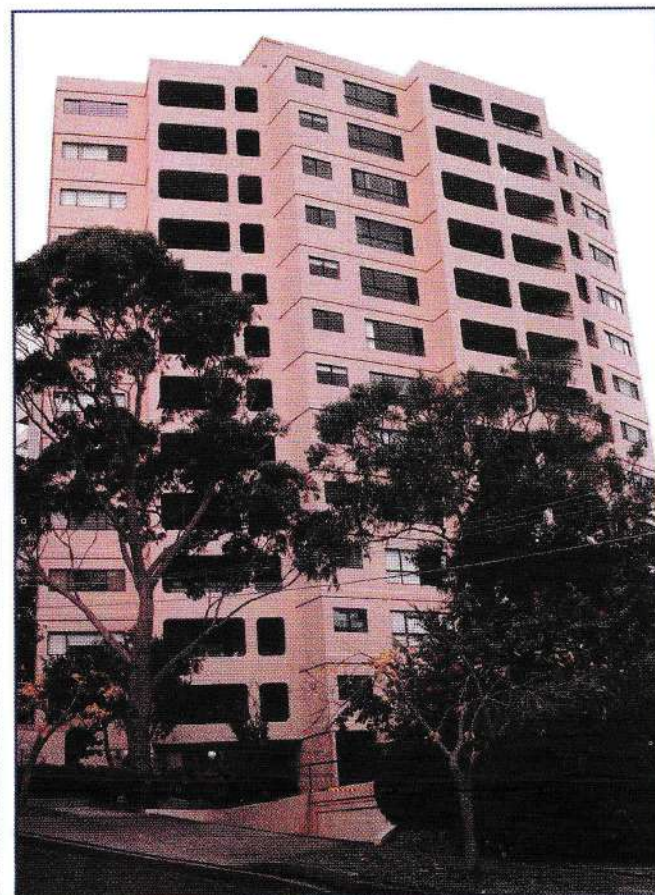
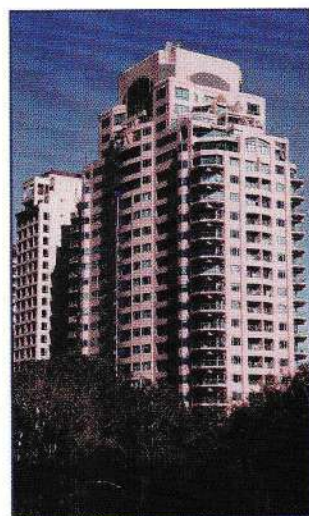
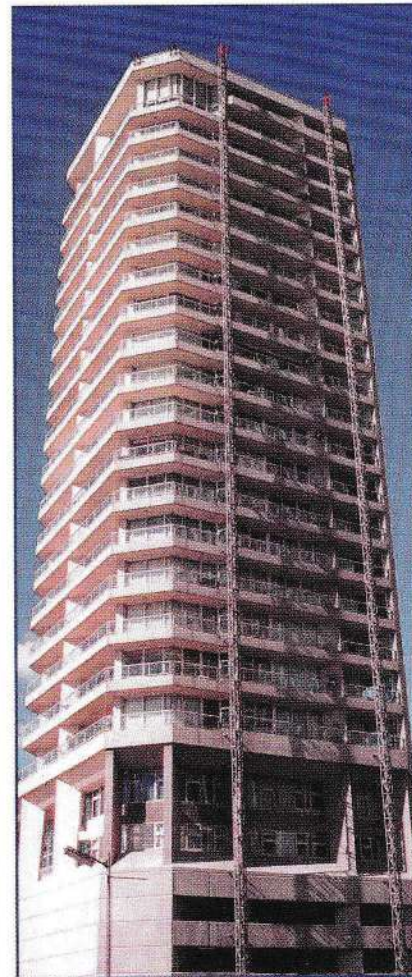
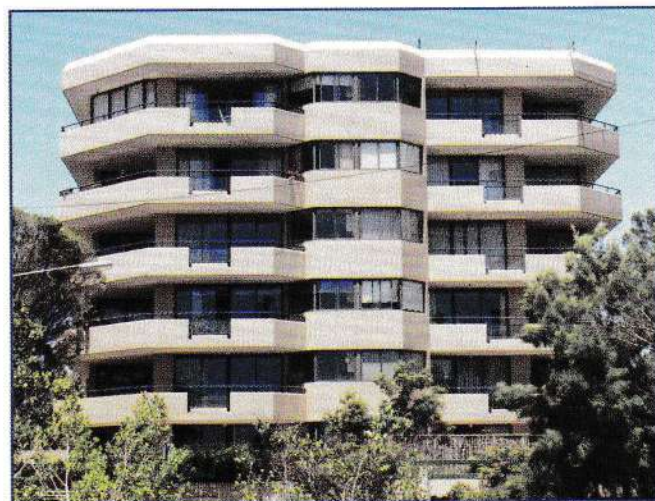
WBA



T H E P R O T E C T I V E B A R R I E R

WESTOX

W B A 9 0 0 0



TYPICAL APPLICATIONS



A Advanced Coating

T E C H N O L O G Y

WBA 9000 is a High Build Acrylic Membrane which displays outstanding performance where flexibility and long term durability is required.

The combination of low CO₂ absorption and high water vapour transmission makes WBA the preferred coating system for both new and remedial maintenance projects.

WBA 9000 is formulated on a unique flexible resin and long life pigments. The high resin solids ensures a superior film build which provides maximum performance in a wide range of climatic conditions.

WBA 9000 is the result of product evolution based on advanced technology, proven and improved over the past decade. These formulations are the result of a commitment to quality in research, product development and manufacturing.

T Typical Applications

- Coating of Concrete and Brick
- Parapet Walls
- Flat and Pitched Roofs
- Liquid Flashings
- F.C. & A.C. sheeting
- Following Spalling Concrete Repairs
- Silos
- Cement Render
- Plant rooms
- Low Traffic Walkways

G General Data

- Single Pack
- High Build
- Excellent Resistance to Chalking
- Large Colour Range
- Waterbased, no Premixing Required
- Export Quality
- Quick Drying
- Mild Chemical Resistant
- Flexible
- Excellent Durability
- Application Range-

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| WBA 9000 | 15-30°C |
| WBA LT | 0-30°C |
- Over 100 Standard Colours & Comprehensive Custom Made Range.

T echnical Specifications

P roduct Data

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| Colours | White, Grey, Magnolia Refer to colour chart (or made to order) |
| Volume Solids | 55% ± 1% |
| Specific Gravity | 1.25 ± .05 |
| Elongation to Break | In excess of 200% @ 25 celsius unreinforced |
| Flash Point | Not applicable |
| Finish | Satin |
| Chemical Resistance | Resists mild chemical environments |
| Full CSIRO & NATA Test Reports Available on Request. | |

GENERAL

Do not apply coatings if temperature is below 15°C or over 30°C. (Low Temp Grade 0-30°C)

Do not apply coating if rain is imminent.

Not recommended for below grade waterproofing or where water pressure is from within the wall.

PREPARATION

The surface to be treated should be dry clean sound and free from oil, grease, flaking paint and laitence and other deleterious materials.

Sound paint may be overcoated.

New concrete should be minimum 28 days old before application commences.

All cracks or holes exceeding 2mm are to be repaired before application commences.

APPLICATION / SPECIFICATION

Apply one coat of the appropriate Westox Primer.

*Apply by **brush, roller or airless spray** to the prepared surface.*

VERTICAL SURFACES

*Apply one coat at the rate of 4m² per litre and allow to dry.
Apply second coat at the rate of 4m² per litre W.F.T.
approximately 250 microns. Finished dry film thickness
(D.F.T.) should then be approximately 275 microns.
(Total D.F.T. should never be less than 250 microns).*

HORIZONTAL SURFACES

*Apply first coat to primed surface at the approximate
rate of 2m² per litre and whilst still wet roll out
reinforcing mesh and embed, working with a brush to
ensure complete saturation of fabric.
Allow minimum 8 hours before application of second
coat of membrane at the rate of 2m² per litre and allow
24 hours to dry. Apply third coat of membrane at the
rate of 2m² per litre at right angles to previous coats.
Thoroughly check surface after 24 hours to ensure that
complete coverage has been attained and no pinholing
is evident. Surface will be touch dry in
8 hours, and will accept foot traffic after 48 hours.
Will achieve full cure within 7 days.
Avoid water ponding for first 3 days after application.*

SAFETY - Not classified as dangerous goods

*Refer to Westgate Pty Limited Material Safety Data
Sheet for instructions.*

CLEAN UP

Clean up all equipment in fresh water immediately after use.

PACKAGING

Container Sizes - 15 litre containers.

Shelf Life - 12 months in unopened containers.

Weight - 1.25kg per litre = 18.75kg per 15 litre.

Transport - No special transport requirements.

APPROVED APPLICATOR:

WESTOX PRODUCTS
Westgate Pty Ltd,
16 Frost Road,
CAMPBELLTOWN NSW 2560
Ph: 02 4628 5010
Fax: 02 4628 5020



WBA MEMBRANE

TDS02 Rev6 17/02/20

DESCRIPTION

Westox WBA Membrane is a High Build Acrylic Membrane which displays outstanding performance where flexibility and long term durability is required.

USES

Used on concrete, brick, parapet walls, flat and pitched roofs, liquid flashing, FC and AC sheeting, following spalling concrete repairs, silos, cement render, plant rooms and low traffic walkways.

PREPARATION

The surface to be treated should be dry, clean, sound and free from oil, grease, flaking paint, laitance and other deleterious materials. Sound paint may be over coated.

New concrete should be a minimum of 28 days old before application commences.

All cracks or holes exceeding 2mm are to be repaired before application commences.

APPLICATION

Apply one coat of the appropriate Westox Primer. Apply by brush, roller or airless spray to the prepared surface.

Vertical Surfaces: Apply one coat at the rate of 4m² per Litre and allow to dry. Apply second coat at the rate of 4m² per Litre W.F.T. (wet film thickness) should be approximately 250 microns. Finished D.F.T. (dry film thickness) of both coats should be approximately 275 microns (Total D.F.T. should never be less than 250 microns).

Horizontal Surfaces: Apply first coat to primed surface at the approximate rate of 2m² per Litre. If Westox Polymesh reinforcing cloth is required embed into membrane whilst still wet, working with a brush to ensure complete saturation of fabric. Allow minimum 8 hours before application of second coat of membrane at the rate of 2m² per Litre and allow 24 hours to dry. Apply third coat of membrane at the rate of 2m² per Litre at right angles to previous coats.

Thoroughly check surface after 24 hours to ensure that complete coverage has been attained and no pin holing is evident. Surface will be touch dry in 8 hours, and will accept maintenance foot traffic after 48 hours. Will achieve full cure within 7 days. Avoid water ponding for first 3 days after application. The D.F.T (dry film thickness) should be a minimum of 800 microns.

Do not thin out material.

Do not apply coatings if temperature is below 10°C or over 35°C. (Low Temp Grade 0-30°C)

Do not apply coating if rain is imminent.

Not recommended for below grade waterproofing of where water pressure is from within the wall.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

INCELLCOAT

TDS03 Rev6 17/02/20

Insulative Coating System

DESCRIPTION

Westox Incellcoat is a water based, high build, flexible, insulative coating for use on surfaces where temperature control is required.

USES

Westox Incellcoat is designed to provide a durable, insulative and weatherproof system for use in a variety of areas fibrous cement sheets, factory roofs, farm buildings, mobile homes, silos, shopping centers and hospital roofs.

Most wall surfaces where internal temperature needs to be controlled for either more efficient air conditioning or general insulation.

Air conditioning duct coating.

FEATURES

- ✓ Fast application
- ✓ Excellent elongation and flexibility
- ✓ Top coat available in wide colour range
- ✓ Acrylic based, non toxic
- ✓ Vapour permeable

TECHNICAL DATA

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|------------------------------------|---------------------------------|-----------------|
| Pigment volume Concentration (PVC) | 61 | |
| VOC | 38 | |
| Volume of solids | 64.5% | AS1580-301.2-90 |
| Tensile Strength | 2.27MPa | ASTM D2370-83 |
| Chemical Resistance | Good | ASTM D2571-88 |
| Water Vapour Transmission | 6.114gms m ² – 24hrs | ASTM E 96-98 |
| Bend Test | Pass | AS 580.402.1-92 |
| Spread of Flame | 0 | AS 1530.3-1989 |

INSULATION DATA

Heat Transfer Test

- (a) One chamber coated with 600um Incellcoat.
(b) One chamber lined with R-2.5 insulation batts 75mm thick.

AVERAGE READING RESULTS FOR TEST ONE AND TWO

Test One

| | | | |
|---------------------------|--------|------------------------------|--------|
| Ambient Laboratory | 25.6°C | Ambient Laboratory | 25.6°C |
| Coated Chamber | 26.7°C | Insulated Chamber | 27.6°C |
| Bottom Chamber (Uncoated) | 52.2°C | Bottom Chamber (Uninsulated) | 52.2°C |

VARIATION ABOVE LABORATORY AMBIENT

| | |
|-------------|----------------|
| Chamber (a) | 1.1°C to 1.6°C |
| Chamber (b) | 2.0°C to 3.9°C |

The summary of these tests showed that the 600 micron coating had better insulation by 0.9°C to 2.3°C than the insulation batt.

PREPARATION

The surface to be treated should be clean and sound, free from oil, grease, flaking paint, laitance and materials deleterious to the adhesion of the coating system.

All cracks exceeding 2mm in width are to be repaired before application commences.

Sound paint may be over coated.

New concrete should be a minimum of 28 days old before application commences.

Do not apply if temperature is below 10°C or above 35°C.

Do not apply coating if rain is imminent.

Not recommended for below grade waterproofing.

APPLICATION

Application by roller or spray to prepared and pre-primed surfaces.

PRIMER

Steel: Anti corrosive primer as per manufacturers specifications.

Existing coating: Westox Highblock C Primer.

Uncoated masonry, fibrous sheet and Concrete: Westox Highblock C Primer, Westox Wesprime or Westox WB 30 Primer, application as per Westox Data Sheet.

APPLICATION

Apply at the rate of 1m² per Litre.

Final Coat

Allow Westox Incellcoat a minimum drying time of 12 hours, before applying Westox WBA 9000 High Build Membrane at the rate of 2m² per Litre.

CLEAN UP

Clean up all equipment in fresh water, immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WESFLEX

TDS06 Rev6 17/02/20

High Quality Surface Finish Coating

DESCRIPTION

Westox Wesflex is a water based, fast drying flexible coating for use on exterior applications. Westox Wesflex is a high quality surface finish coating, exhibiting excellent flexibility and durability.

USES

Westox Wesflex is designed to provide a durable exterior weatherproof finish. Westox Wesflex exhibits outstanding water resistance and crack spanning abilities and may be used for exterior work, where aesthetics and performance are of paramount importance.

FEATURES

- ✓ Water Resistant
- ✓ Can be recoated.
- ✓ Wide colour range
- ✓ Excellent resistance to cracking and chalking.
- ✓ High resin content.
- ✓ Excellent flexibility.
- ✓ Long life coating.
- ✓ Excellent resistance to fungus attack.

TECHNICAL DATA

- UV Stability Excellent
- Specific Gravity 1.2
- pH 8.5 – 9.0
- Solids 55± 1%
- Finish Satin
- Boiling Point 100°C water based.
- Not suitable for permanent immersion.
- Elongation – In excess of 200% @ 25°C un-reinforced.
- Chemical Resistance: Resists mild chemical environments and airborne pollutants.

PREPARATION

The surface to be treated should be clean and sound, free of oil, grease, flaking paint, laitance and material deleterious to the adhesion of the coating system.

Not recommended for below grade waterproofing.

New concrete should be a minimum of 28 days old before application commences.

All holes and cracks are to be repaired prior to coating.

Do not apply coating if temperature is below 10°C or above 35°C.

Do not apply coating if rain is imminent.

APPLICATION

Apply Wesflex at the coverage rate of 5 - 6m² per Litre per coat. Two coats required.

Apply with a 20mm lambs wool roller.

Allow 4 hours drying time between coats. The two coats will give a minimum D.F.T of 180 microns.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



GLOSSTEX

TDS04 Rev7 17/02/20

High Build Gloss Profiled Coating

DESCRIPTION

A high gloss finish with a low dirt retention, maximum protection and exceptional longevity.

USES

An aesthetically pleasing architectural texture finish coating for exterior use.

FEATURES

- ✓ Wide colour range
- ✓ Water based, premixed
- ✓ UV stable, high gloss texture finish
- ✓ Does not chalk
- ✓ Outstanding flexibility
- ✓ Exceptionally durable
- ✓ Low dirt retention
- ✓ Exterior use

TECHNICAL DATA

| | |
|-----------------------|---------------------------|
| Volume Solids | 53% \pm 0.5% |
| Specific Gravity | 1.15 \pm 0.05 |
| Elongation to break | 350% @ 20°C |
| Adhesion to substrate | 25.4Kgf / cm ² |

PREPARATION

The surface to be treated should be clean and sound, free of oil, grease, flaking paint, laitance and material deleterious to the adhesion of the coating system.

Not recommended for below grade waterproofing.

New concrete should be a minimum of 28 days old before application commences.

All holes and cracks are to be repaired prior to coating.

Do not apply coating if temperature is below 10°C or above 35°C.

Do not apply coating if rain is imminent. Sound paint may be over coated.

APPLICATION

Apply Westox Glosstex by brush, texture roller or spray to the prepared pre-primed surface at the rate of 1 - 1.5m² per Litre.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

SATINTEX

TDS05 Rev7 17/02/20

High Performance Architectural Profile

DESCRIPTION

A natural grain appearance provides soft to medium profiles, enhancing building design characteristics to suit the most fastidious of owners.

USES

For weatherproofing, decorating, restoring and protecting exterior walls and to enhance existing building environments.

FEATURES

- ✓ Easily applied
- ✓ Wide colour range.
- ✓ Can be overcoated to provide satin or gloss finish.
- ✓ Weather and UV resistant.
- ✓ Extremely durable.
- ✓ Water based, premixed.

TECHNICAL DATA

| | |
|------------------|----------------|
| Volume Solids | 68% ± 1% |
| Specific Gravity | 1.4 |
| Flexibility | 60% @ 20°C |
| Finish | Satin or Gloss |

PREPARATION

The surface to be treated should be clean and sound, free of oil, grease, flaking paint, laitance and material deleterious to the adhesion of the coating system.

New concrete should be a minimum of 28 days old before application commences.

All holes and cracks can be repaired prior to coating.

Do not apply coating if temperature is below 10°C or above 35°C.

Do not apply coating if rain is imminent. Sound coatings may be overcoated.

APPLICATION

Application by brush, texture roller or spray to the prepared pre-primed surface.

Apply at the rate of 1 - 1.5m² per Litre and finish to the required texture.

Do not thin material.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WESDEX

TDS09 Rev6 17/02/20

Flexible Deck Coating

DESCRIPTION

A granular profile coating formulated to provide a flexible finish for pedestrian traffic areas.

USES

For weatherproofing, decorating, restoring and protecting, walkways, patios and decks.

FEATURES

- ✓ Wide colour range
- ✓ Easily applied
- ✓ Extremely durable
- ✓ Water based, no mixing required
- ✓ Weather and UV resistant
- ✓ Walkways, patios & decks

TECHNICAL DATA

| | |
|---------------------|--------------|
| Specific Gravity at | 1.4 |
| Volume Solids | 68% \pm 1% |
| Flexibility | 60% @ 20°C |
| Finish | Satin |

PREPARATION

The surface to be coated should be clean and sound, free from oil, grease, flaking paint, laitance and other deleterious materials.

Not recommended for below grade waterproofing or concrete subject to rising or hydrostatic moisture.

New concrete should be a minimum 28 days old before application commences.

All holes and cracks should be repaired prior to coating.

Do not apply if temperature is below 10°C or above 35°C.

Do not apply coating externally if rain is imminent.

APPLICATION

Apply the appropriate Westox Primer.

Apply Westox Wesdex by brush, texture roller or spray to the prepared pre-primed surface.

Apply at the rate of 1 - 1.5m² per Litre and finish off immediately to the required finish.

May also be spray applied using Westox Spray Unit or similar equipment.

Do not thin material.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

WX COLOURCOTE

TDS07 Rev6 17/02/20

Resin Rich Acrylic Coating

DESCRIPTION

A resin rich, low viscosity, high solids co-polymer colour coating for a variety of surfaces.

USES

Used as a coating for the refurbishment of concrete roof tiles, wood and various concrete surfaces where a gloss coating is required.

FEATURES

- ✓ Extremely durable, water based.
- ✓ Easily applied & easily over coated.
- ✓ UV resistant protective coating.
- ✓ Wide colour range.
- ✓ Excellent gloss retention.
- ✓ Aesthetically pleasing finish.

TECHNICAL DATA

| | |
|---------------------|------------------------------------|
| Volume Solids | 50% +/- 1 |
| Specific Gravity | 1.13 +/- 0.05 |
| Elongation to break | 100% |
| Finish | Gloss |
| Chemical resistance | Resists mild chemical environment. |

PREPARATION

The surface to be treated should be clean and sound, free of oil, grease, flaking paint, laitance and material deleterious to the adhesion of the coating system.

Not recommended for below grade waterproofing.

New concrete should be a minimum of 28 days old before application commences.

All holes and cracks are to be repaired prior to coating.

Do not apply coating if temperature is below 10°C or above 35°C.

Do not apply coating if rain is imminent. Sound paint may be over coated.

APPLICATION

Application by brush, roller or spray to prepared, pre-primed surfaces at the rate of 6 - 8m² per Litre. Touch dry in approximately 15 minutes. If appropriate apply second coat at 6 - 8m² per Litre allowing a minimum four (4) hour drying period between coats.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WX COLOURCOTE ANTI-FLASH

TDS08 Rev6 17/02/20

DESCRIPTION

A single pack, waterbased anti-corrosive coating that can be applied over galvanised metal surfaces, or aged Colourbond.

USES

A surface coating for new or existing galvanised metal sheeting to enhance the character and life of the metal.

FEATURES

- ✓ Excellent gloss retention
- ✓ Excellent adhesion
- ✓ Easily applied
- ✓ Economical to use
- ✓ Can be overcoated
- ✓ U.V. stable, excellent colour retention
- ✓ Wide colour range

TECHNICAL DATA

| | | | |
|------------------|----------------|------------------|-----------|
| Volume Solids | 50%+-1 | Finish | Gloss |
| Specific Gravity | 1.13±0.05 | Touch Dry @ 20°C | 5 minutes |
| Flash Point | Not applicable | Full Dry | 1 hour |

PREPARATION

Do not apply coating if temperature is below 10°C or above 35°C.

Do not apply coating if rain is imminent.

Sound paint may be overcoated.

New surfaces

Apply a degreaser or solvent wipe all new galvanised surfaces to remove pressing oils etc. Wash off and allow to dry before commencing application.

Old surfaces

The surface should be treated, should be clean and sound, free from oil, grease, flaking paint, laitance and materials deleterious to the adhesion of the coating system.

To areas of excessive rust, apply one (1) coat of a proprietary brand zinc rich primer and allow to dry.

Ensure that all fixings are properly secure.

APPLICATION

Application is by brush, roller or spray to prepared, pre-primed surfaces at the rate of 6 - 8m² per litre.

Apply a second coat at the rate of 6 - 8m² per Litre, following a minimum 4 hour drying period between coats.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

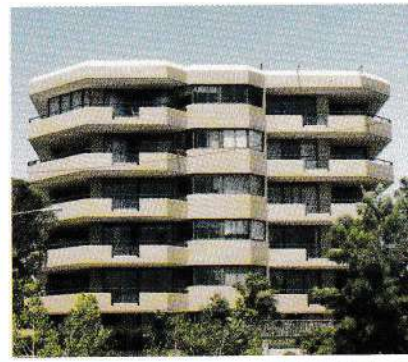


Quality
Endorsed
Company

ISO 9001:2000
LIC 6553

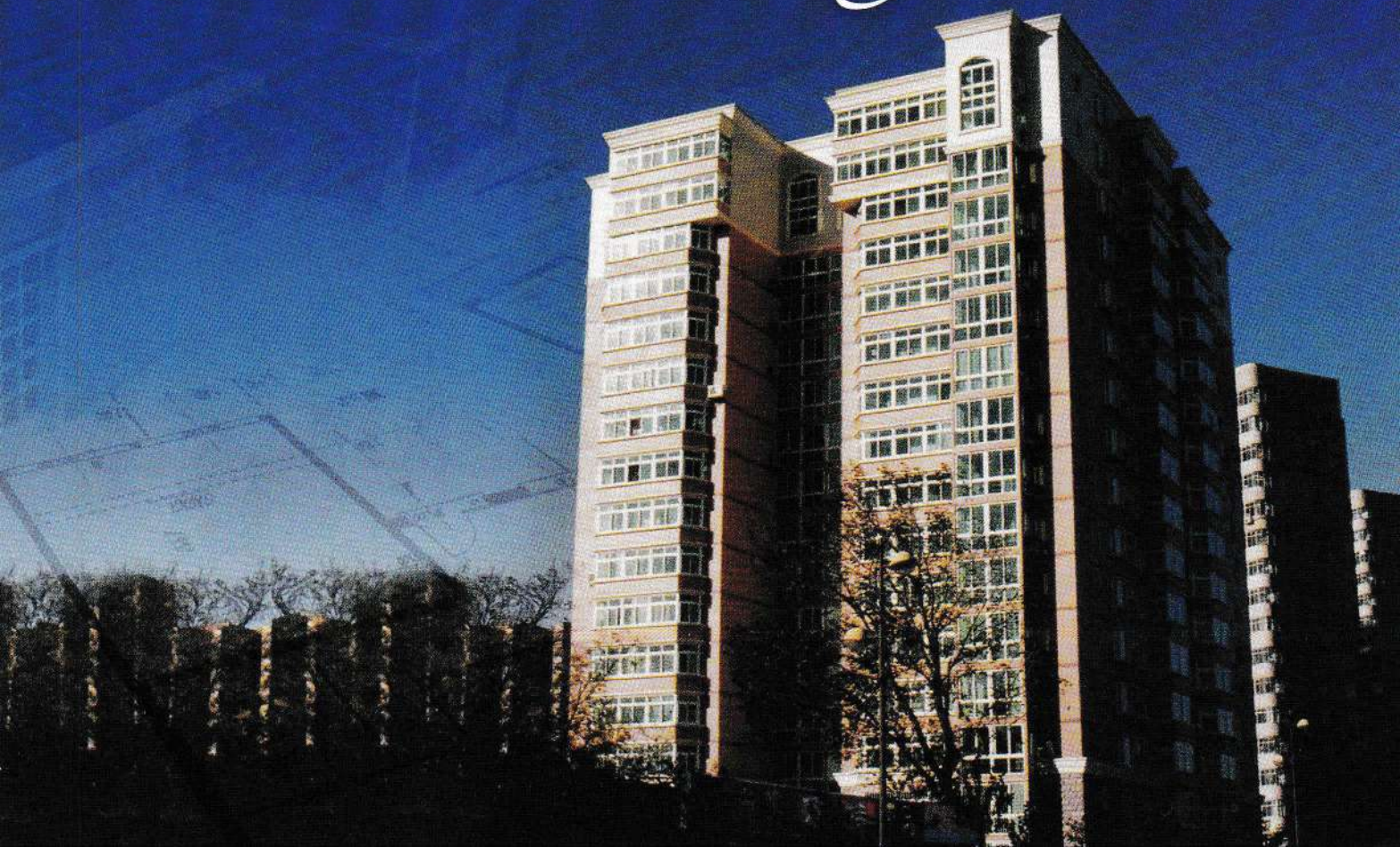
WESTOX

BUILDING PRODUCTS



HIGH RISE

Restoration Systems





HIGH RISE *Restoration Systems*

The attraction of ocean views and a history of capital appreciation make coastal properties a prime investment. Increasingly these properties offer both financial and lifestyle benefits.

The repair of such a valuable asset may prove costly if the property is neglected or inappropriately treated. High rise residential units, particularly older structures and those near the coast are subject to far greater weathering effects and damage than average. Often, roof slabs, balconies and masonry wall areas are subject to ingress of moisture, salt and other contaminants for the life of the structure.

When failure of the building fabric becomes apparent, the structure is often compromised. Rectification of problems are often incorrectly addressed resulting in ongoing expense into the future. Causes of failure need to be accurately identified and the correct treatment specified to prevent re-occurrence in the longer term.

Diagnosis and treatment of problems require specialist input.

The majority of repairers consider cost as the primary decision criteria whereas accurate diagnosis and treatment are critical for a permanent "fix" and are cheaper in the long term. Remedial engineers and specialist product manufacturers often work together to determine the best outcomes for the stakeholders.

In coastal environments the most common destructive contaminant is salt. Saline water penetrates into the absorbent brickwork eventually causing concrete spalling, brick fretting, dampness and coatings failure as well as corrosion of fixtures and fittings.

Buildings in these environments have been exposed to marine aerosols for decades with salt permeating the entire structure. Any rectification will require the treatment of salt ingress before repair to ensure the long term durability of the system.





Salts can be removed through the Westox Cocoon desalination system or mitigated through a combination of products and processes specified by Westox. Westox has over 25 years of experience in conservation and remediation and works closely with engineers and architects to develop appropriate repair specifications.

Building make-over's, as well as fixing defects, frequently add substantially to the value of the building often adding as much as \$50,000.00 to the value of each unit.

A number of common treatments are detailed in the following pages.

THE SYSTEMS



WATERPROOFING

Waterproofing is essential in providing a dry and odor free environment for all habitable areas. Roof decks, suspended slabs, back filled walls and internal wet areas all require a durable waterproofing treatment. Westox produces a range of liquid and sheet membranes for every application including carboxylated rubber, polyurethane, acrylic and epoxy systems. Standard specifications are available for most applications.

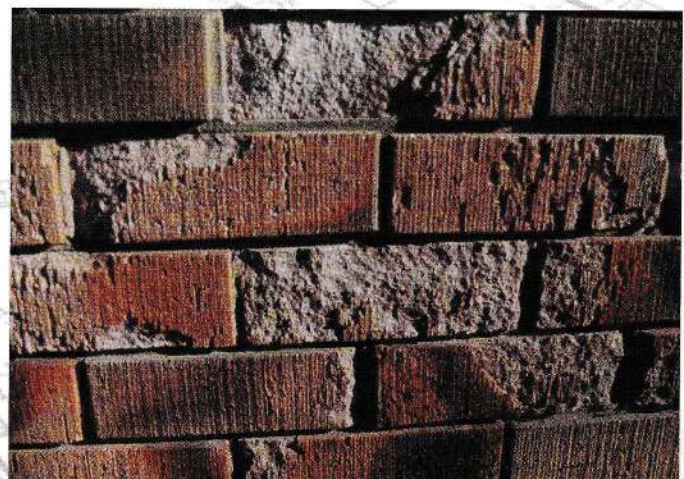
In certain circumstances external wall areas may also require a waterproof treatment. Westox Wesflex combines a waterproof coating with an aesthetically attractive external coating system.

MASONRY REFURBISHMENT

Long term exposure in coastal environments can result in significant damage to masonry surfaces.

Salt ingress causes bricks to fret away, mortar to crumble and coatings to fail prematurely. As salt permeates the structure, brick ties corrode and dampness may become a problem due to brick cavities being breached.

Salt removal with Westox Cocoon is easily achievable. Cocoon is a poultice that removes salt by capillary action and osmosis. Salt contamination may also be immobilized through the use of specialized products such as RAP primer, WB-30 and WBA-9000 in conjunction with proven repair specifications.





FAÇADE UPGRADES

Exterior Coating failure in coastal environments is common due to absorbed salt acting as a release agent upon crystallization. Removal with Cocoon or immobilization with RAP primer and WB-30 is essential for long term durability.

Exterior renders also degrade in these environments. Special renders developed by Westox provide superior integrity in such conditions.



CONCRETE SPALLING

Concrete spalling (cancer) occurs as a result of salt contamination of reinforced concrete.

The reduction in the alkalinity of the concrete causes the steel to rust and crack the concrete leading to further corrosion.

Products such as Westox high build repair mortar combined with detailed repair specifications effectively treat spalling concrete.

Westox is a quality accredited Australian company with over 25 years experience in the repair and conservation of older buildings. In addition, we work closely with a select group of skilled contractors ensuring quality outcomes for the client.

This commitment to customer satisfaction is reinforced with a back-to-back materials and labor warranty.

Please visit our website www.westox.com or call on **02 4628 5010**

Standard specifications are available upon request.

Applicator

WESTOX BUILDING PRODUCTS

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RAP ADHESIVE

TDS13 Rev7 17/02/20

Spalling Concrete Repair

DESCRIPTION

The RAP Adhesive has been formulated to restore the alkaline properties of spalled concrete areas and to protect reinforcing against further corrosion.

FEATURES

- ✓ Water resistance
- ✓ Long term stability
- ✓ Non toxic
- ✓ High bond strength
- ✓ Easy to use
- ✓ Waterbased

PERFORMANCE DATA

| | | | |
|-------------------|----------|----------------------|----------|
| Bond Strength | 1.32MPA | Impact Strength | 1.80MPA |
| Tensile Strength | 4.24MPA | Compressive Strength | 39.40MPA |
| Flexural Strength | 10.90MPA | Shear Bond Strength | 4.48MPA |

Based on specific standard specification mix.

STANDARD SPECIFICATION FOR THE TREATMENT OF SPALLING CONCRETE

PREPARATION

Remove loose concrete from around areas of rusting reinforcing steel and chase rusted bars into sound concrete until rust ceases. Chase at least 20mm behind the steel. Wire brush steel or mechanically abrade to remove all loose and all flaking rust and expose bright steel. Treat steel with a mixture of Westox CR25 mixed with cement to a slurry consistency and apply by brush directly onto exposed steel. Ensure that the rear of the steel is fully encapsulated with this mixture. Allow to dry for a minimum of eight (8) hours.

PATCHING

Mix one (1) part RAP Adhesive, to three (3) parts water, use this mixture as gauging water for a three (3) sand and one (1) cement mix, add only enough gauging water mixture to obtain a workable consistency and use to patch or repair around exposed steel. Build up patches in layers not exceeding 15mm per coat, allowing at least four (4) hours between layers. Finish flush to original texture, all repairs are to cure for a period of seven (7) days prior to application of coating.

PRIMER

Prime all new rendered surfaces with Westox WB30 Epoxy Primer at the coverage rate of 5m² per Litre. Allow to dry for a minimum of 24 hours before applying top coats. If in a salt air environment wash down primer with clean water and dry prior to applying top coat.

Prime all previously painted surfaces with one (1) coat of High Block C Primer at the coverage rate of 8 – 10m² per Litre and allow to dry for a minimum of one (1) hour before applying top coats. If in a salt air environment all primed surfaces must be top coated the same day.

COATING

Suitable coatings from the Westox range include:-

| | |
|-----------------|---|
| Glosstex | 1 coat @ 1 – 1.5m ² per Litre. |
| Satintex | 1 coat @ 1 – 1.5m ² per Litre. |
| WBA Membrane | 2 coats @ 4m ² per Litre per coat. |
| Westox Westflex | 2 coats @ 5 - 6m ² per Litre per coat. |

CLEAN UP

Wash all equipment with fresh water immediately after use and before product has set.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.

BRICK STAIN

TDS44 Rev6 17/02/20

COLOURED STAIN FOR MASONRY

DESCRIPTION

Westox Brick Stain is a natural looking coloured stain for porous masonry surfaces. Available in a range of standard colours. Custom colour matching is available on request.

USES

Westox Brick Stain can be used to colour bricks, sandstone, concrete blockwork, cement pavers and concrete. To match new bricks to existing when older bricks are no longer available. To update colours of masonry to more modern colours.

Do not apply more coats once material has dried or whitening may occur.

By blending different colours in a container or on the masonry surface it is possible to achieve desired effects or shadowing.

TYPICAL PROPERTIES

| | |
|----------------------|-------------------|
| Specific Gravity | 1.25 |
| pH, neat solution | 10-60 + -1 |
| Viscosity @ 20°C, cp | 225 |
| Appearance @ 20°C | coloured solution |
| Solids % | 35 |

PREPARATION

Surfaces to be coloured should be free from dirt, dust or any material that may prevent the penetration of the Westox Brick Stain into the substrate.

APPLICATION

Shake container well to ensure thorough mixing. Pour a small amount of Brick Stain into a suitable container. Apply to the masonry with a brush, dilute with water on the surface until the required density of colour is reached.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

1 Litre.

SHELF LIFE

6 months in unopened container.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

6:1:1 MORTAR / RENDER

TDS62 Rev4 25/01/22

DESCRIPTION

6:1:1 Mortar is a putty lime and cement-based mortar formulated to be used for a wide range of plastering repair work.

USES

For the repairs and Replastering of sandstone, brick, concrete and blockwork.

Compatible with early cement mortars and modern mixes when used in repair work.

FEATURES

- ✓ Fast effective placement
- ✓ Assured mix ratios
- ✓ Reduced labour cost
- ✓ Available in a range of different sands
- ✓ Formulations for Heritage Buildings available
- ✓ Weatherproof yet sacrificial

SURFACE PREPARATION

- Clean and dampen brickwork prior to placement.
- All surfaces must be free of efflorescence, dust, dirt, oil, paint or other substances which may inhibit the adhesion of the mortar.
- Salt analysis and desalination may be required to increase the longevity of the mortar and protection of the building material. Refer to Westox Technical Department for more information on the Westox Cocoon Desalination System.
- Acid cleaned surfaces should be washed down with a neutralising agent prior to application.
- Water blasted surfaces should be allowed to dry for a minimum of 24 hours before Replastering.
- Surface must be dampened before application.

MIXING

Each 20kg bag of 6:1:1 Mortar will require approximately 4-5 litres of water to reach a usable consistency. For thicker applications a stiffer mix containing less water may be required. On excessive thick applications build out in layers not exceeding 15mm per coat, scratch thoroughly and allow 24 hours drying before applying additional coats.

SPECIFICATION

Based on a traditional 6 parts sand, 1 part lime and 1 part cement mix.

Compressive strength - 9 to 10 mpa after 28 day cure. Conforms to BCA M3 Grade Mortar.

S.G - 1.54kg/Litre.

COVERAGE

1 x 20kg bag covers approx. 1-2m² at 10mm thickness.

CLEAN UP

Clean up all equipment with fresh water immediately after use.

PACKAGING

6:1:1 Mortar is supplied in a 20kg bag.

RESTRICTIONS

- Do not apply during inclement weather.
- Do not apply in temperatures exceeding 30°C or below 5°C.
- Do not allow new render to dry out too quickly.

SAFETY

Refer to the Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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FLOOR SCREED

TDS79 Rev0 17/02/20

DESCRIPTION

Westox Floor Screed is a universal cement based floor screed mix formulated with specially graded quartz sand and Portland cement.

USES

Ideal for use as a semi dry tilers screed to level out rough and undulated concrete floors and provide falls to waste in preparation for waterproofing or tiling of bathrooms, balconies and roof tops. Excellent stacking and compaction qualities to provide a high compression floor screed. The use of Westox Calox in the gauging water in a 1% solution when mixing Westox Floor Screed provides proven resistance to efflorescence. Westox Floor Screed helps to overcome issues due to failed hardness and reduces the chance of surface friability from premature drying. Moisture curing for 48 hours is recommended after 24 hours initial cure.

FEATURES

- ✓ High compression strength
- ✓ Contamination free sand
- ✓ Pre-packed quantity
- ✓ Constant mix quality
- ✓ Good compaction qualities
- ✓ Cost effective
- ✓ Constant ratio
- ✓ Mix with clean water

APPLICATION

Surfaces to be screeded should be free of oil or grease or any materials that may affect the adhesion of the Westox Floor Screed. Prior to application the substrate should be dampened with water to control suction. Mix material with clean water using a suitable mixer or mixing vessel to a useable, semi-dry consistency. Apply the mixed semi-dry material to the prepared substrate, then rule off level with falls using straight edges and finish with a float or trowel. Coverage is approximately 1m² per 20kg bag @10-12mm thick finish. Initial set time 2 hours, can be walked on after 8 hours. Allow 72 hours before the application of waterproofing.

TECHNICAL DATA

| | |
|---------------------------------|-------------------------------------|
| Compressive strength (28 days). | 25mpa |
| Colour | Off white |
| Active ingredient | Cement |
| Components | One |
| Density dry (25°C) | Approximately 1500kg/m ³ |

LIMITATIONS

In applications where the thickness of the screed exceeds 35mm, the substrate should be built up in applications of 15mm scratch coats, allowing some drying between coats to minimise shrinkage and cracking. Use Westox CR25 as an adhesive bond coat when using over smooth substrates.

CLEAN UP

Wash all tools and equipment in clean water immediately after use.

PACKAGING

20kg plastic lined paper bags.

SHELF LIFE

6 months in unopened bags stored in dry, cool conditions.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



HIGH BUILD ACRYLIC FILLER FINE

TDS84 Rev2 29/11/2021

DESCRIPTION

Westox High Build Acrylic Filler is a brilliant white render filler where outstanding performance of filling is desired on primed surfaces wherein high degree of smooth levelling and filling joints are needed on wall, masonry surfaces or even on plastic substrates.

USES

Used on primed surfaces viz, concrete, brick, parapet walls, flat and pitched roofs, liquid flashing, FC and AC sheeting, following spalling concrete repairs, silos, cement render, plant rooms and low traffic walkways.

TYPES

Fine SG 1.5 – 1.7

PREPARATION

The High Build Acrylic Filler is to be applied onto pre-primed surface of Westox Highblock Primer (C or E Gel) and should be clean and free from oil, grease, flaking paint, laitance and other loosely adhered materials.

Ensure Westox Highblock Primer (C or E Gel) is thoroughly dried before applying High Build Acrylic Filler.

APPLICATION

Apply by trowel to primed surface.

Vertical Surfaces

Apply Westox High Build Acrylic Filler Fine to surface and use to fill micro gaps and sand crevices. After overnight drying the surface may be sanded to smooth out and ensure a uniform finish has been achieved using the Westox High Build Acrylic Filler.

Horizontal Surfaces

Apply Westox High Build Acrylic Filler Fine to surface and use to fill micro gaps and sand crevices. After overnight drying the surface may be sanded to smooth out and ensure a uniform finish has been achieved using the Westox High Build Acrylic Filler.

Do not thin out material.

Do not apply HB Acrylic Filler if temperature is below 5°C or over 35°C.

Do not apply HB Acrylic filler if rain is imminent or in high humidity.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



HIGH BUILD ACRYLIC FILLER COARSE

TDS85 Rev2 29/11/2021

DESCRIPTION

Westox High Build Acrylic Filler is a brilliant white render filler where outstanding performance of filling is desired on primed surfaces wherein high degree of smooth levelling and filling joints are needed on wall, masonry surfaces or even on plastic substrates.

USES

Used on primed surfaces viz; concrete, brick, parapet walls, flat and pitched roofs, liquid flashing, FC and AC sheeting, following spalling concrete repairs, silos, cement render, plant rooms and low traffic walkways.

TYPES

Coarse SG 1.6 – 1.8

PREPARATION

The High Build Acrylic Filler is to be applied onto a pre-primed surface of Westox High Block Primer and should be clean and free from oil, grease, flaking paint, laitance and other loosely adhered materials.

Ensure the High Block Primer (C or E Gel) is thoroughly dried before applying High Build Acrylic Filler.

APPLICATION

Apply by trowel to primed surface.

Vertical Surfaces

Apply Westox High Build Acrylic Filler Coarse by trowel one coat at the rate of 1m² per Litre for 1mm dry film thickness and allow to dry overnight. This will help large filling joints and major dents to level uniformly.

Horizontal Surfaces

Apply Westox High Build Acrylic Filler Coarse by trowel one coat at the rate of 1m² per Litre for 1mm dry film thickness and allow to dry overnight. This will help large filling joints and major dents to level uniformly.

Do not thin out material.

Do not apply HB Acrylic Filler if temperature is below 5°C or over 35°C.

Do not apply HB Acrylic filler if rain is imminent or in high humidity.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

15 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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SAND AND CEMENT M4 MORTAR

Rev2 17/02/20

DESCRIPTION

Sand and Cement M4 Mortar is designed specifically for use as a render or general mortar in areas where high salinity is expected such as situations where contact with the ground is required, in fully submersed conditions or exposure to constant sea spray etc.

USES

The Sand and Cement M4 Mortar can be used on concrete or brick substrates for horizontal, vertical and overhead applications and is ideal for new work or repairs to existing render or pointing.

FEATURES

- ✓ Easy application and workability.
- ✓ Non Corrosive.
- ✓ No toxic additives.
- ✓ Saline resistant.
- ✓ Batched by weight.
- ✓ Can be colour matched.
- ✓ Minimum slump.
- ✓ Can be made waterproof.

TECHNICAL DATA

Sand and Cement M4 Mortar is a blend of triple washed silica sand and off white Portland cement. White cement can be used where a colour match is required. Plasticizers, slump control and other fines are added. There are no other additives required and only clean water is to be added.

| | | | |
|-----------------------|---------------------|-------------------------|-------|
| Compressive strength. | 25mpa. 28days. | Minimum Build. | 6mm |
| Working time. | 120 minutes @ 20°c. | Maximum Build per coat. | 20mm. |

PREPARATION

The substrate must be free of loose materials, form work release agent, laitance or any other contaminate that may affect the adhesion of the mortar. Lightly dampen the substrate prior to the application of the mortar to control surface suction.

MIXING

Slowly add the Sand and Cement M4 Mortar powder to the required amount of water and mix to a workable consistency. The over use of water will affect the slump. Best mixing results are achieved by using a mechanical mixer.

APPLICATION

Apply the Sand and Cement M4 Mortar at the required thickness with a steel trowel, screed and float to the desired profile; allow a few minutes for the initial set to take up before final finishing to match the surrounding surface profile or desired finish.

CURING

In areas of high wind and high temperature it is necessary to maintain the newly placed mortar damp with clean water, this may require the periodic fine misting of the surface for 2 to 3 days following the finishing. If there is any doubt as to whether premature drying is a potential problem it is preferred that the misting is carried out. An alternative is to apply a coat of WB30 epoxy primer 3 days after placement of the render. The water based epoxy will lock in water and assist the cement to fully hydrate.

Note.

All Westox products are to be applied in accordance with manufacturer's directions and product data sheets. On properties in close proximity to the ocean (within 1 kilometer of the sea), we recommend washing down the day's work area prior to applying any coatings, this is relevant for both primers and subsequent applications particularly if a sea mist has occurred overnight. Salt contamination of the surface before or between applications can cause delaminating of the coatings.

PACKAGING

20kg

SHELF LIFE

6 Months

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for Instructions.

PAVER SEALER

TDS29 Rev6 17/02/20

DESCRIPTION

A single pack, clear thermoplastic acrylic co-polymer solution for the coating of various masonry substrates.

USES

As a sealer coat for concrete floors, driveways, exposed aggregate and slate floor tiles.

FEATURES

- ✓ Easily applied
- ✓ Water resistant
- ✓ Can be easily overcoated
- ✓ UV Resistant (no yellowing)
- ✓ Can be used for trafficable surfaces

TECHNICAL DATA

Specific Gravity 0.9
Volume Solids approx. 25%
Flash Point 24°C
Chemical resistance Good resistance to mild acids and alkalines.

PREPARATION

The surface to be treated should be clean and sound, free from oil, grease, flaking paint, laitance and materials deleterious to the adhesion of the coating system.

New concrete should be a minimum of 28 days old before application commences.

All holes and cracks are to be repaired prior to coating.

Do not apply if temperature is below 10°C or above 35°C.

Do not apply if rain is imminent.

APPLICATION

Application by brush, lambswool roller or airless spray. Applied in two coats at 8-10m² per Litre, per coat.

CLEAN UP

Wash all equipment with Westox General Purpose Thinners immediately after use.

PACKAGING

4 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegat Pty Ltd Safety Data Sheet (SDS) for instructions.



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APPLICATION

Mixing

Mix all of base (Part A) with all of hardener (Part B), or in the ratio of four (4) Part A to one(1) Part B by volume for small requirements. Use a power mixer for a minimum of 1 minute. Allow to stand 10 - 20 minutes before using. Pot life up to 8 hours working time.

Brush or Roller

Use brush for small difficult areas. Roller is recommended for small to medium areas.

Spraying

Conventional (pressure 300-450kPa) or airless (pressure 14-17 MPA) equipment set up.

Thinning

Use Westox AP Glazecoat Thinners up to 25% volume for conventional spray and up to 15% volume for airless spray.

Application may be undertaken at the coverage rate of 8 - 10m² per Litre, per coat.

Two coats required.

A minimum of two hours drying time between coats.

Material will be touch dry in 30 minutes.

CLEAN UP

Wash all equipment with Westox AP Glazecoat Thinners immediately after use.

PACKAGING

5 Litre Kit - Part A 4 Litre, Part B 1 Litre

20 Litre Kit – Part A 16 Litres, Part B 4 Litres.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

Material is flammable and special care should be taken for transportation.

Keep away from sparks or open flames.

Avoid continued skin contact with material.

The wearing of protective articles is recommended.

When used in confined spaces provide sufficient ventilation.



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AP GLAZECOAT

TDS10 Rev7 13/07/23

DESCRIPTION

A high performance two pack U.V. stable acrylic urethane with outstanding durability, providing a finish with maximum gloss and colour retention.

USES

As an anti-graffiti coating and for areas of special finish. eg. hand rails, food preparation areas, car parks, petrol stations and any other surfaces which require a high resistance to solvents.

FEATURES

- ✓ Excellent colour retention
- ✓ Excellent abrasion resistance
- ✓ Can be recoated
- ✓ Suitable for interior and exterior surfaces
- ✓ Will not yellow

TECHNICAL DATA

| | |
|---------------------|--|
| Colour | Clear |
| Finish | Full gloss |
| Volume Solids | 40% |
| Specific Gravity | 0.99 |
| Chemical resistance | Excellent |
| Flash Point | 27°C (<i>when parts A & B mixed</i>) |

PREPARATION

The surface to be treated should be clean and sound, free from oil, grease, flaking paint, laitance and materials deleterious to the adhesion of the coating system.

Not recommended for below grade waterproofing.

New concrete should be a minimum of 28 days old before application commences.

All holes and cracks are to be repaired prior to coating.

Do not apply if temperature is below 10°C or above 35°C.

Do not apply if rain is imminent.

Concrete

If surface is porous, prime first with AP Glazecoat let down 20% with Westox AP Glazecoat Thinners, applied at the rate of 8 - 10m² per Litre.

Allow a minimum of 4 hours before proceeding with topcoat.

Metal

Prior to application, ensure that the surface is intact, free from contaminants such as oil, grease, water etc. All damaged areas should be made good with primer, use a propriety zinc rich epoxy as primer/undercoat.

Timber

Fill and sand all holes and defects. Remove dust. If clear finish required, thin first coat with Westox AP Glazecoat Thinners at 50% and apply as a sealer, followed by two coats of AP Glazecoat.

APPLICATION

Mixing

Mix all of base (Part A) with all of hardener (Part B), or in the ratio of four (4) Part A to one(1) Part B by volume for small requirements. Use a power mixer for a minimum of 1 minute. Allow to stand 10 - 20 minutes before using. Pot life up to 8 hours working time.

Brush or Roller

Use brush for small difficult areas. Roller is recommended for small to medium areas.

Spraying

Conventional (pressure 300-450kPa) or airless (pressure 14-17 MPA) equipment set up.

Thinning

Use Westox AP Glazecoat Thinners up to 25% volume for conventional spray and up to 15% volume for airless spray.

Application may be undertaken at the coverage rate of 8 - 10m² per Litre, per coat.

Two coats required.

A minimum of two hours drying time between coats.

Material will be touch dry in 30 minutes.

CLEAN UP

Wash all equipment with Westox AP Glazecoat Thinners immediately after use.

PACKAGING

5 Litre Kit - Part A 4 Litre, Part B 1 Litre

20 Litre Kit – Part A 16 Litres, Part B 4 Litres.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

Material is flammable and special care should be taken for transportation.

Keep away from sparks or open flames.

Avoid continued skin contact with material.

The wearing of protective articles is recommended.

When used in confined spaces provide sufficient ventilation.



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SEALER BINDER

TDS71 Rev6 17/02/20

Concrete Floor Sealer and Consolidation Treatment

DESCRIPTION

Westox Sealer Binder contains a combination of liquid silica, silane and an acrylic resin.

USES

Sealer Binder can be used as a concrete floor sealer or as a calcium converter during remedial works on concrete surfaces previously affected by efflorescence, such as balconies and roof tops.

FEATURES

- ✓ Single component
- ✓ Excellent penetration qualities
- ✓ Chemical resistant
- ✓ Abrasion resistant
- ✓ High water resistance.

PREPARATION

The surface to be treated should be clean and sound, free from oil and grease or any existing coating or sealer, and materials deleterious to the adhesion of the Sealer Binder. New concrete should be a minimum of 28 days before application commences. All repairs to the concrete should be made prior to the application of the coating. Do not apply if temperature is below 10°C or above 35°C. Do not apply if rain is imminent.

APPLICATION

For sealer and calcium converter on concrete. Apply two coats of Sealer Binder at the rate of approximately 4 - 6m² per Litre. Allowing 4 hours drying time between coats. The coverage rate will vary on the porosity of the concrete. Product can be applied with brush, roller or airless spray.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



NON WHITENING CONCRETE SEALER

TDS69 Rev6 17/02/20

Concrete Floor Sealer and Consolidation Treatment

DESCRIPTION

Non Whitening Concrete Sealer contains a combination of liquid silica, silane and an acrylic resin.

USES

As a sealer / dustproofer for concrete and cementitious floors. Ideal for driveways, carparks and warehouses.

FEATURES

- ✓ Single component
- ✓ Excellent penetration qualities
- ✓ High water resistance.
- ✓ Chemical resistant
- ✓ Abrasion resistant

PREPARATION

The surface to be treated should be clean and sound, free from oil, grease or any existing coating or sealer, and materials deleterious to the adhesion of the Non Whitening Concrete Sealer. New concrete should be a minimum of 28 days before application commences. All repairs to the concrete should be made prior to the application of the coating. Do not apply if temperature is below 10°C or above 35°C. Do not apply if rain is imminent.

APPLICATION

For sealing and coating of concrete and masonry floors. Apply two coats of Non Whitening Concrete Sealer at the rate of approximately 8 - 10m² per Litre per coat. Allowing 4 hours drying time between coats. The coverage rate will vary on the porosity of the concrete. Non Whitening Concrete Sealer can be applied with either brush, roller or airless spray.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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CALCIUM DISSOLVER

TDS92 Rev3 17/02/20

Calcium Stain Removal

DESCRIPTION

Calcium Dissolver is a one component mild acid based stain removal material designed to remove calcium hydroxide and calcium carbonate stains leaching from cement based materials.

USES

Uses include removing calcium stains from non-lime based masonry such as brick, granite or sand stone. Calcium Dissolver can also be used to remove rust stains from the surface of stone containing iron fragments which occur naturally or stains caused by the introduction of metal fixings. Care must be taken when used to remove stains from masonry affected by acids.

FEATURES

- ✓ Single component
- ✓ Correct concentration.
- ✓ No onsite mixing
- ✓ Easy to use.

PREPARATION

The surface to be treated should be thoroughly wet with clean water prior to the application of the Calcium Dissolver.

Protect surrounding materials from splashes.

Cover all exposed surfaces which are not to be treated and have no acid resistance.

Remove heavy carbonated deposits mechanically prior to using the Calcium Dissolver.

APPLICATION

Apply the Calcium Dissolver with a brush and gently agitate the surface with a stiff nylon brush to loosen the stains, several applications might be required depending on the depth and concentration of the contamination. The use of high pressure water for the final washing is sometimes necessary. On the completion of removing the stains rinse the treated areas with clean water and allow to become visually dry before applying Westox Neutralising Solution to convert any residual acid into a stable alkaline state.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING 5 Litre and 20 Litre.

SHELF LIFE 12 months.

SAFETY Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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NEUTRALISING SOLUTION

TDS93 Rev3 17/02/20

Neutralising of acidic surfaces

DESCRIPTION

Neutralising Solution is a one component alkaline solution used to neutralise acidic surfaces following the use of acidic cleaners.

USES

The Westox Neutralising Solution is used to treat surfaces following the use of acid based cleaners. It may also be used in neutralising residual acid following brick cleaning procedures which utilise hydrochloric acid and removes the yellowing caused by residual acid. Due to the hygroscopic nature of acid based cleaners any residual material can cause mould or moss growth to occur on contaminated surfaces. When applied correctly the Westox Neutralising Solution reduces the hygroscopicity of the surface leaving a stable alkaline surface with a pH between 8.5 to 9.5.

FEATURES

- ✓ Single component
- ✓ Correct concentration.
- ✓ No onsite mixing
- ✓ Easy to use.

PREPARATION

The surface to be treated should be allowed to dry for several days to encourage any residual acid to migrate to the surface prior to treatment. Do not pre-wet the surface prior to the application of the Neutralising Solution.

Protect surrounding materials from splashes.

Cover all exposed surfaces which are not to be treated and have no alkaline resistance.

APPLICATION

Apply the Neutralising Solution by brush, roller or spray enough to wet the surface, allow the material 5 minutes to react, then rinse off thoroughly with clean water.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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PLASTALITE EXPANDED METAL LATHING PLASTER

TDS36 Rev6 17/02/20

DESCRIPTION

Plastalite Expanded Metal Lathing Plaster is a gypsum based backing coat to be used on expanded metal. For internal use only.

USES

Applied in two coats over expanded metal sheets on new ceilings or walls. First a scratch coat to form a base, then a float coat ruled flat ready for Plastalite Multifinish set coat. Also used for repairs on traditional wood lath ceilings.

Plastalite Plasters can be used adjacent to Heritage type plasters (e.g. sand & lime based) or Modern type plasters (e.g. cement or gypsum based) without detriment.

FEATURES

- ✓ Light weight
- ✓ High Adhesion
- ✓ Fire proof
- ✓ Anti-corrosion additives
- ✓ Sound proofing
- ✓ Insulation
- ✓ Easy mixing

TECHNICAL DATA

Recommended Coating Thickness

| | |
|-------------------------------|------------------------|
| Scratch Coat | Approximately 10mm |
| Float Coat | Minimum 8mm |
| Setting Time | 1 - 1.5 hours |
| Approximate Coverage 20kg bag | Approx 2m ² |

APPLICATION

Expanded Metal should be nailed or screwed to the joists. Overlap joints by 50mm and use tie wire to wire together centres between joists. Expanded Metal must be tight and fixed in a "brick bond" pattern so joints running in line with joists are staggered.

Mix material with water in a suitable mixing vessel (plasterers bath) to a workable consistency. Apply the mixed material with a trowel pressing the material firmly so it passes through the expanded metal leaving approximately 5mm on the face of the expanded metal. Apply at a 45 degree angle to the expanded metal. After initial set (approx. 1 hour) scratch the surface to provide a key for the float coat. Apply the float coat at approximately 8mm thickness, screed and wood float to a flat even surface ready for a set finish.

LIMITATIONS

Plastalite Expanded Metal Lathing Plaster can not be used externally or in areas where it will be subjected to water. (eg shower areas).

For external or wet area applications refer to Plastalite Rehabilitation Render or Plastalite Fairing Coat Data Sheet.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg bag.

SHELF LIFE

3 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.

PLASTALITE REHABILITATION RENDER

TDS31 Rev6 17/02/20

DESCRIPTION

Plastalite Rehabilitation Render is a light weight render system designed to inhibit the emergence of hygroscopic salts.

USES

- A render for salt affected brickwork.
- Replastering of walls after successful rising damp treatment.
- General cement rendering of both internal and external walls.

Westox Plastalite Rehabilitation Render has been specifically designed as the replacement plaster after the eradication of rising or lateral damp. It is equally appropriate as a protection render for properties in close proximity to the sea where a salt retarding base is required for long life coating systems. Plastalite Rehabilitation Render is also used in new construction work as a replacement material for sand / cement renders due to its ease of use.

The Rehabilitation render can be compatible with traditional mixes (e.g. sand and lime) or modern cement based mixes.

FEATURES

- ✓ Light weight
- ✓ Easy to mix
- ✓ No primer required on most substrates
- ✓ One coat system
- ✓ Exterior or interior
- ✓ Excellent workability and finishing characteristics

APPLICATION

Surfaces to be rendered should be free of form release agents, oil or grease or any materials that may affect the adhesion of the Plastalite Rehabilitation Render. Mix material with water in a suitable mixing vessel to a usable consistency. Apply the mixed material by trowel, screed and wood float to a flat even surface and press steel finish or provide key with a "devil" float ready for a set plaster finish. Coverage approximately 3m² @10mm thick. Initial set time 2 hours, full set time 8 hours.

LIMITATIONS

In applications where the recommended thickness of 10mm is to be exceeded, the material should be built out to the full required thickness in 1 day in applications of 15mm allowing some drying between coats to minimise shrinkage and cracking. An adhesive of CR25/cement and a scratch coat will be necessary when using over concrete.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

25kg bag.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



PLASTALITE MULTI FINISH

TDS32 Rev9 24/08/23

DESCRIPTION

Plastalite Multi Finish is a skim coat for interior use over render or plasterboard which provides a hard, flat, smooth surface ready for painting.

USES

Used as a finish coat for Plastalite Metal Lathing Plaster and Plastalite Rehabilitation Render. Multifinish can also be used over traditional sand and lime renders for interior work. Multifinish is compatible with heritage and modern plasters.

FEATURES

- ✓ Easy to mix.
- ✓ Easy to use.
- ✓ Can be feathered and polished.
- ✓ Just add to water.
- ✓ Extended set time with slower hardening.

TECHNICAL DATA

| | |
|-----------------------------------|-------------------------|
| Application Thickness | 2 - 3 mm |
| Set Time | 45 minutes - 60 minutes |
| Approximate coverage per 20kg bag | 10 - 12m ² |

APPLICATION

Mix by adding Plastalite Multi Finish to water in a suitable mixing vessel, mix to usable consistency. Apply with a steel trowel at approximately 2 - 3mm thick to entire area. After initial set, mix fresh material and "Lay Down" another coat to fill any holes or voids in the first coat, complete by troweling water over the surface until a satisfactory acceptable finish is obtained. Minimum time before painting three (3) weeks.

LIMITATIONS

Plastalite Multi Finish cannot be used for external applications or internal wet areas (bathrooms) for exterior or wet area applications refer to Plastalite Rehabilitation Render or Plastalite Fairing Coat Data Sheets.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg bag.

SHELF LIFE

3 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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PLASTALITE BAGGING MIX

TDS49 Rev6 17/02/20

DESCRIPTION

Bagging Mix is a lime and cement-based bagging mortar formulated to be used on a wide range of substrates.

USES

For applying a bagged finish on feature walls or as a filling material for blow holes in concrete.

FEATURES

- ✓ Fast effective application.
- ✓ Assured mix ratios.
- ✓ Reduced labour cost.
- ✓ Available in a range of traditional colours.

PREPARATION

All surfaces must be free of efflorescence, dust, dirt, oil, paint or other substances which may inhibit the adhesion of the mortar.

Salt analysis and desalination may be required to increase the longevity of the mortar and protection of the building material. Refer to Westox Technical Department for more information on the Westox Cocoon Desalination System.

Acid cleaned surfaces should be washed down with a neutralising agent prior to application.

Water blasted surfaces should be allowed to dry for a minimum of 24 hours before bagging.

Walls should be dampened before application.

Do not apply during inclement weather.

Do not apply in temperatures below 5°C or exceeding 30°C.

MIXING

Each 20kg bag of Bagging Mix will require approximately 4 - 5 Litres of water to reach a spreadable consistency. For a higher profile a stiffer mix containing less water may be required.

Coverage Rates are 5m² @ 3mm thick or 3m² @ 5mm thick.

SET TIME

Initial set time is 2 hours, with final set 8 hours.

FINISHED

Available in a standard range of colours. Special colours can be made subject to a tinting fee.

CLEAN UP

Wash up all equipment with fresh water immediately after use.

PACKAGING

20kg bag.

SHELF LIFE

6 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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HANDY MORTAR

TDS60 Rev7 17/02/20

DESCRIPTION

Handy Mortar is a sand, lime and cement (6:1:1) based fine mortar formulated to be used on a wide range of substrates.

USES

For applying a bagged finish on feature walls etc or as a material for blow holes in concrete. As a general repair material for render finishes, can be used for repointing or laying bricks or stone.

FEATURES

- ✓ Fast mixing
- ✓ Assured mix ratios
- ✓ Reduced Labour cost
- ✓ Consistent adhesion to most substrates
- ✓ Can be feathered at joins
- ✓ Easy to use
- ✓ Can be trowel pressed or sponge finished
- ✓ Ideal for making good render prior to painting

PREPARATION

All surfaces must be free of efflorescence, dust, dirt, oil, paint or other substances which may inhibit adhesion of the mortar.

Salt analysis and desalination may be required to increase the longevity of the mortar and the protection of the building material. Refer to Westox Technical Department for more information on the Westox Cocoon Desalination System.

Acid cleaned surfaces should be washed down with a neutralising agent prior to application.

Water blasted surfaces should be allowed to dry for a minimum of 24 hours before repairing.

Surfaces should be dampened before application.

Do not apply during inclement weather

Do not apply in temperatures below 5°C or exceeding 30°C.

MIXING

Each 20kg bag of handy mortar will require approximately 4 - 5 Litres of water to reach a workable consistency. For a high profile a stiffer mix containing less water may be required.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

20kg bag.

SHELF LIFE

6 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for Instructions.

MORTAR MODIFIER

TDS72 Rev6 17/02/20

DESCRIPTION

Mortar Modifier is an acrylic additive formulated to be used with Plastalite High Build Repair Mortar, Stone Repair Mortar and Fairing Coat.

USES

To be used as the gauging liquid in place of water in the above materials and provide characteristics to the mortars where an increase in strength, reduction in moisture transmission or extra thick or very thin applications are required.

FEATURES

- ✓ Provides maximum strength to all cement based mortars, even in thin build applications.
- ✓ Reduces Moisture and Co² penetration when used in concrete repair work.
- ✓ Maintains High Alkalinity in Acidic environments.
- ✓ Reduces capillary and prevents efflorescence.
- ✓ Formulated to provide the maximum strength to the Westox mortar products.

PREPARATION

All surfaces must be free of efflorescence, dust, dirt, oil, paint or other substances which may inhibit the adhesion of the mortar.

Salt analysis and desalination may be required to increase the longevity of the intended mortar and protection of the building material. Refer to Westox Technical Department for more information on the Westox Cocoon Desalination System.

Acid cleaned surfaces should be washed down with a neutralising agent prior to application.

Water blasted surfaces should be allowed to dry for a minimum of 24 hours before application.

Bagging walls should be lightly dampened before application.

Do not apply during inclement weather.

Do not apply in temperatures below 5°C exceeding 30°C.

MIXING

Add powder to liquid and mix thoroughly, mix only the amount of material required. The amount of powder of the chosen Plastalite mortar Part A should be added to the Mortar Modifier Part B until the required consistency is obtained for the intended application.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

5 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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PLASTALITE MONOCOUCHE RENDER

TDS78 Rev1 17/02/20

DESCRIPTION

Plastalite Monocouche Render is a cementitious based render that provides a decorative, coloured and weather resistant finish for external walls.

USES

- A decorative render finish aesthetically enhancing the exterior of buildings.
- As a low maintenance weather resistant finish to help prevent water penetration.
- Can also be used over styrene blocks as a decorative finish.

Plastalite Monocouche Render is a one coat render system that can be applied by trowel or mechanical spray to most masonry substrates to provide a coloured, decorative finish. It requires little or no maintenance and is resistant to water and algae growth. It comes in a wide range of colours and can be finished off in a scraped, roughcast or ashlar pattern.

FEATURES

- ✓ One coat system for fast application
- ✓ Weather resistant
- ✓ Low maintenance with no painting required
- ✓ Ready mixed (just add water)
- ✓ Easy application by spray or trowel
- ✓ Consistency of colour & product

APPLICATION

Surfaces to be rendered should be free of oil or grease or any materials that may affect the adhesion of the Plastalite Monocouche Render. Mix material with water in a suitable mixing vessel to a usable consistency. Apply the mixed material by spray or trowel @15mm thick wet, then rule off plumb and flat and allow to harden before finishing with a scraping float. Coverage is approximately 1m² per 20kg bag @10-12mm thick finish. Initial set time 2 hours, full set time 8 hours.

LIMITATIONS

In areas where the thickness is excessive, the substrate should be built out with a 3 parts sand to 1 part cement in applications of 15mm allowing some drying between coats to minimise shrinkage and cracking. Allow for the last 15mm thickness for the Plastalite Monocouche application. An adhesive of CR25/cement and a scratch coat will be necessary when using over concrete.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg plastic lined bags.

SHELF LIFE

6 months in un-opened bags stored in dry conditions.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

WB 25 EPOXY

TDS24 Rev6 17/02/20

DESCRIPTION

WB 25 Epoxy is a clear two part water based epoxy.

USES

WB 25 Epoxy can be used as a primer / binder and sealer or in concrete repair mortars.

FEATURES

- ✓ Can be applied to damp surfaces.
- ✓ Binds concrete surfaces.
- ✓ Seal surfaces from oil, grease and dirt.
- ✓ May be over coated.

PREPARATION

All surfaces to be treated must be structurally sound, clean and free from previous coatings, adhesives, dirt, grease, oil or other surface contaminants. Very dry and highly porous surfaces should be sprayed with a fine mist of water prior to application of WB 25 Epoxy.

MIXING

Mix the hardener component, then the resin component, then thoroughly mix 1:1 by volume, the required amount of the two components together in a separate, clean container. Preferably use a power stirrer for mixing. Only mix as much as may be used within the pot life of the product, avoid excessive aeration.

APPLICATION

Do not apply if temperature is below 10°C or above 35°C.

Do not apply if rain is imminent.

Concrete Sealer (Interior)

Dilute mixed product by 50% i.e. 20 Litre kit and 10 Litres of water. Mix A and B together first before diluting with water. Apply with a long nap roller, two coats at approximately 8m² per Litre coverage. (Will vary depending on texture)

Concrete Repair Mortar

Mixture is to comprise of 1 part cement, 3 parts sand to 1 part by volume of WB 25 Epoxy.

Bonding

WB 25 may be used as a bonding agent prior to the application of the repair mortar.

LIMITATION

Wet weather and ponding should be avoided when using WB 25 as a sealer. WB 25 is not recommended for use in exposed sunlight.

DRYING

Allow to cure for a minimum of 24 hours at 25°C / 50% R.H before applying adhesives, mortars, or decorative coatings. Allow longer for lower temperatures or higher humidity.

CLEANING

Wash all equipment in fresh water immediately after use.

PACKAGING

4 Litre Kit & 20 Litre Kit.

SHELF LIFE

3 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WB 30 EPOXY

TDS25 Rev6 17/02/20

DESCRIPTION

WB 30 Epoxy is a coloured two part water based epoxy.

USES

As an internal tanking medium for sub-grade areas and as a low vapour transmission primer for Westox acrylic and proprietary polyurethane coatings.

TYPICAL AREAS OF USE

Basements, concrete and cement render priming, lift pits, retaining walls, fishponds, water tanks (potable).

FEATURES

- ✓ Can be applied to damp surfaces.
- ✓ Binds concrete surfaces.
- ✓ Hydrostatic pressure resistant.
- ✓ Seal surfaces from oil, grease and dirt.
- ✓ May be over coated with Westox Acrylic and polyurethane coatings.
- ✓ Suitable for application to brick, concrete and compressed fibrous cement.

PREPARATION

All surfaces to be treated must be structurally sound, clean and free from previous coatings, adhesives, dirt, grease, oil or other surface contaminants. Very dry and highly porous surfaces should be sprayed with a fine mist of water prior to application of WB 30 Epoxy.

Do not apply if temperature is below 10°C or above 35°C.

Do not apply if rain is imminent.

MIXING

Mix the hardener component, then the resin component, then thoroughly mix 1:1 by volume, the required amount of the two components together in a separate, clean container. Preferably use a power stirrer for mixing. Only mix an amount that can be used within the pot life of the product, avoid excessive aeration.

THINNING

Thinning the first coat with a maximum of 10% water is allowed for high porosity substrates.

Thinning of the second coat is not recommended.

APPLICATION

As a Primer

Apply WB30 epoxy by brush or roller, at the rate of 5m² per Litre, one coat. Allow 24 hours at 25°C before over coating.

To Form a Vapour Barrier

Apply two coats the first coat at 3m² per Litre and the second coat is applied at 5m² per Litre. Allow 4 hours drying time at 25°C between coats. During cold conditions, a 24 hour drying period may be required.

POT LIFE

2 hours at 25°C / 50% RH **NOTE** For specific internal tanking applications refer to Westox Technical Dept.

CLEANING

Wash all equipment in fresh water immediately after use.

PACKAGING

4 Litre Kit & 20 Litre Kit. Colours: Grey or White.

SHELF LIFE

3 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.

POLYMESH

TDS70 Rev4 17/02/20

DESCRIPTION

Westox Polymesh is a 100% polyester cloth/bandage used to reinforce membranes and coatings.

USES

Westox Polymesh is used with waterproofing membranes, resins and coatings where the need for extra reinforcement is required, such as corners, joints, cracks, gaps and flashings. It forms an excellent flexible seamless finish and is not affected by water, rot or mildew.

FEATURES

- ✓ Outstanding conformability.
- ✓ Excellent wet and dry strength.
- ✓ No chemical binders allowing use with resins.
- ✓ Resistance to high temperatures and flame.
- ✓ High grab breaking strength.
- ✓ Lightweight and non delaminating.

TECHNICAL

| | |
|-----------------------|--------------|
| Thickness | 0.018 |
| Elongation at Break % | MD45 XD105 |
| Grab Strength | 111 N-MD |
| Tongue Tear | N-MD 8 XD 13 |

APPLICATION AREAS

Bathrooms, balconies, roof tops, cracks in parapet walls, box gutters and wood substrates etc.

PACKAGING

| | |
|--------|----------|
| 50mm | x 50L/m |
| 70mm | x 50L/m |
| 100mm | x 50L/m |
| 150mm | x 50L/m |
| 200mm | x 50L/m |
| 300mm | x 50L/m |
| 500mm | x 50L/m |
| 1220mm | x 50L/m |
| 1220mm | x 100L/m |



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WATER REPELLENT

TDS20 Rev7 17/02/20

Concrete and Masonry Weatherproofer

DESCRIPTION

Westox Water Repellent is a clear formulated poly functional silane siloxane, providing maximum protection for concrete and masonry surfaces while allowing the surface to breathe.

USES

Westox Water Repellent penetrates and chemically reacts with all cementitious surfaces, preventing spalling and re-bar corrosion by locking out water and harmful waterborne contaminants such as CO². Westox Water Repellent does not film form and will not discolour or otherwise alter the appearance of concrete and masonry surfaces.

FEATURES

- ✓ Maximum water repellency
- ✓ Alkali Stable
- ✓ UV stable
- ✓ Cost effective
- ✓ Protection barrier against chloride laden water
- ✓ Can be applied to dry or damp surfaces
- ✓ Chemically bonds to surface, providing long term durability
- ✓ Reduces efflorescence

TECHNICAL DATA

| | |
|---|---|
| Colour | Clear |
| Active Ingredient Content | 12-14 (W/W)% |
| Components | One |
| Application Method | Roller, brush or low pressure fan jet pump spray |
| Drying times | Touch 20-40 minutes @ 25°C |
| Full cure time | 7 days |
| Theoretical coverage per coat (2 flood coats required) | Brick 2 - 5m ² per Litre Concrete 5m ² per Litre Concrete (steel trowel) 7.5m ² per Litre. |

NOTE

Coverage rates are intended as a guideline only. The texture and absorption characteristics of the surface will determine the actual coverage rate.

LIMITATIONS

Do not apply if rain is imminent.

Westox Water Repellent will react with airborne water vapour. Do not leave lid off container. Not recommended for below grade waterproofing or application where water pressure is from within the wall.

Westox Water Repellent will not prevent penetration through unsound or cracked substrates.

If Water Repellent is applied on or near buildings containing foodstuff, to prevent contamination they should be removed prior to application until the material has fully dispersed.

To prevent damage to nearby shrubbery and landscaping, cover or protect with a drop sheet.

This product will permanently mark and stain glass, mirrors, auto paints and powdered coatings, therefore take required action to prevent product from contacting these surfaces by masking or covering prior to application.

If product does come in contact with these surfaces wipe off immediately with white spirits.

PREPARATION

Surface cleanliness is critical to final appearance of substrates treated with Westox Water Repellent.

All oil, grease, form release agents and air pollution deposits must be removed prior to application.

All surfaces are to be structurally sound.

Mortar joints and masonry that has voids, or is cracked, or contains weak or unsound material must be repaired prior to application.

New concrete, new masonry and restoration work must reach full 28 day cure strength before application. Should high salt content be present, desalinate with Westox Cocoon prior to application.

HORIZONTAL SURFACES

Wipe off any excess material sitting on top of low porosity tiles or tracking may occur.

APPLICATION

Westox Water Repellent is a single component solution, ready to use from the container.

The substrate surface temperature should be above 5°C and below 35°C.

To provide adequate coverage in a minimum amount of time, use low pressure airless (knapsack) spray and flood coat the surface, starting at highest point.

Apply in a uniform manner in sufficient quantity to completely wet out the substrate.

Overlap each pass to avoid gaps and areas of insufficient coverage.

Apply second coat, wet on wet i.e. while the first coat is still wet.

Should high salt levels be present desalination is recommended prior to the application of Westox Water Repellent refer to Westox Cocoon Data Sheet.

This product is not suitable for application by conventional high pressure spray equipment that will atomize or vapourise the product. Application should be carried out by low pressure (knapsack) garden type sprayer or suitable airless equipment that does not atomize or vapourise. Flood coating is the general term stated for application.

CLEAN UP

Wash all equipment immediately after use in white spirit.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months in unopened container.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

Provide adequate ventilation during application. Repeated or prolonged contact may cause injury to skin or eyes. Repeated or prolonged inhalation of vapour may cause respiratory irritation or intoxication. Do not cut or weld containers.



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STAIN SHIELD

TDS21 Rev6 17/02/20

DESCRIPTION

Westox Stain Shield is a hydro fluoro resin formulated to impregnate porous materials to provide water and stain repellency.

USES

Can be used on concrete, brick, stone and most porous building materials.

FEATURES

- ✓ Allows the surface to breathe
- ✓ Permanent capillary bond
- ✓ Colourless
- ✓ Simple application
- ✓ Chloride resistant
- ✓ Water repellent
- ✓ UV stable
- ✓ Alkaline stable
- ✓ Repels most oils and staining from fatty foods

TECHNICAL DATA

| | |
|-------------------------------|---|
| Colour | Clear |
| Active Ingredient Content | 12-14 (W/W)% |
| Components | One |
| Drying times | Touch dry 20 - 40 minutes @ 25°C |
| Full cure time | 7 days |
| Theoretical coverage per coat | 10 - 12 m ² / Litre per coat Concrete 10m ² / Litre per coat Concrete (steel trowel 12 - 15m ² / Litre per coat. |

NOTE

Coverage rates are intended as a guideline only. The texture and absorption characteristics of the surface will determine the actual coverage rate. Over-use may result in the formation of an undesirable surface film.

PREPARATION

Surface cleanliness is critical to the final appearance of a substrate treated with Westox Stain Shield. All oil, grease, form release agents and air pollution deposits must be removed prior to application. New concrete or masonry restoration work must reach full 28 day cure strength before application. Allow 48 hours drying after pressure cleaning or after rain before application.

APPLICATION

Westox Stain Shield is a single component solution and ready to use from the container.

To ensure best application, the substrate surface temperature should not be below 5°C or above 35°C, coverage will depend on the porosity of the substrate.

Application should be carried out by roller, brush or lambs wool applicator.

This product is not suitable for application by spray equipment.

Apply in a uniform manner in sufficient quantity to completely wet out the substrate.

Overlap each pass to avoid gaps and areas of insufficient coverage. Then apply the second coat of Westox Stain Shield while the first coat is still damp. Note: Colour enhancement or darkening may occur on some material. A small test area should be applied and approved prior to full application.

CAUTION

This product will permanently mark and stain glass, mirrors, auto paints and powdered coatings, therefore take required action to prevent product from contacting these surfaces by masking or covering prior to application.

If product does come in contact with these surfaces wipe off immediately with white spirits.

STAIN REMOVAL

Stain Shield is formulated to allow for the prompt removal of stains. Small minor stains can be wiped off using a dry cloth or removed by using an absorbent material. Water blasting and steam cleaning may be used in conjunction with an alkaline degreaser cleaning agent on large areas or more stubborn stains.

Stains must be removed as soon as possible.

CLEAN UP

Wash all equipment immediately after use in white spirit.

PACKAGING

5 Litre, 10 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.

Provide adequate ventilation during application.

Repeated or prolonged contact may cause injury to skin or eyes.

Repeated or prolonged inhalation of vapour may cause respiratory irritation or intoxication.

Westox Stain Shield is flammable, keep away from heat, sparks and open flames.



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CRETESEAL

TDS22 Rev6 17/02/20

Concrete Floor Sealer

DESCRIPTION

CreteSeal is a one component penetrating acrylic sealer / binder.

USES

As a sealer / dustproofer for concrete and cementitious floors. Ideal for car parks, warehouses etc.

FEATURES

- ✓ Single component
- ✓ Excellent adhesion
- ✓ Resists Mild Chemicals
- ✓ Abrasion resistant

PREPARATION

The surface to be treated should be clean and sound, free from oil and grease or any existing coating or sealer, and materials deleterious to the adhesion of the Westox CreteSeal. New concrete should be a minimum of 28 days before application commences.

All repairs to the concrete should be made prior to the application of the coating.

Do not apply if temperature is below 10°C or above 35°C.

Do not apply if rain is imminent.

APPLICATION

For dustproofing and surface hardening of concrete. Apply two coats of CreteSeal at the rate of approximately 10m² per Litre. Allowing a four (4) hour drying time between coats. The coverage rate will vary on the porosity of the concrete. Product can be applied with either brush, roller or airless spray.

CLEAN UP

Wash all equipment with fresh water immediately after use and before material has dried.

PACKAGING

10 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegat Pty Ltd Safety Data Sheet (SDS) for instructions.



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PREMIER PAVER CLEANER

TDS57 Rev5 17/02/20

DESCRIPTION

Premier Paver Cleaner is a quaternary compound that provides a protective layer on masonry surfaces to prevent moss or mould growth.

USES

Premier Paver Cleaner is used to prevent or eliminate moss and mould growth on masonry surfaces such as paths and walls. It can also be used to kill lichen on roof tiles.

FEATURES

- Ease of use.
- Economical treatment.
- No need for high pressure water.
- Wet the surface and leave.
- No colour change to original surface colour.

APPLICATION

Use at the ratio of 5 parts water to 1 part Premier Paver Cleaner. Apply by spray thoroughly wetting the surface and leave. The moss and mould contamination will reduce following each period of rain until the surface is clean. In some instances this could take several months.

Re application might be necessary on highly contaminated areas or after several periods of heavy rain when the residual surface material has been diluted sufficiently to reduce efficacy.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for Instructions.

Premier Paver Cleaner is considered Non Toxic according to Worksafe Australia Criteria when used in accordance with the correct recommended application procedures. Normal protection measures of vapour mask and protective gloves used when spraying any chemicals is recommended.



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PATENTED THROUGHOUT THE WORLD

Cocoon® Desalination System

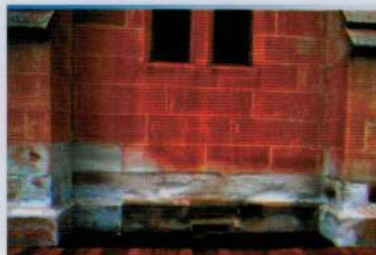


The Patriarchal Cathedral Basilica of Saint Mark, Venice, Italy

Westlegate Pty Ltd, also known as Westox Building Products, an Australian company, has been leading the industry to fight salt contamination which is one of the major causes of destruction to heritage buildings and artifacts around the world, affecting structures made from all forms of stone, brick, marble, sandstone and concrete.

In 1998, Westlegate Pty Ltd developed a process called Westox Cocoon® that involved using a paper-based substance that is applied onto masonry to absorb the salt. The substance is left to dry and then simply peeled off and disposed of.

Treasured heritage buildings across the globe can now be saved for future generations using the process to control salt erosion.



Salt Affected Masonry

Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body.

Certified System



Quality
ISO 9001

SAI GLOBAL

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Some major projects that have used Cocoon®

Prevention Better Than Cure

Salts, transported into porous materials by moisture have always been a concern in restoration and conservation work. Provision has been made in modern buildings to prevent this happening with the insertion of a damp-proof course and barriers in the form of a flashing over potential moisture entry points. These requirements are now written into the building codes of most developed countries and inspections made by a person of authority (Building Inspector) to ensure they have been installed correctly; this outlines the importance placed on these barriers being in place.

In most historical buildings, damp-proof courses were not used and subsequently in a great number of these properties, we are now faced with a situation that moisture has risen to a height where the internal walls and decorations are effected.



Spray Application of Cocoon

It is irrelevant whether we decide to install a new damp-proof course or maintain the building in its present form; we are still faced with the destructive forces of the residual salt contamination. Lateral or falling damp from leaking gutters and down pipes, roof leaks or badly maintained paintwork or pointing also causes damage, activating either airborne salts or salts that are present or have been added into the building fabric with the resultant damage being similar to that caused by the rising damp.

While Westox was working with the CSIRO during the 1980's a sacrificial render process was developed. In monitored conditions at Sydney's Lyndhurst House, it was established that the salt levels could be drastically reduced and erosion minimised. Continued research has resulted in the development of a new generation desalination system known as "Cocoon". This paper poultice is manufactured from pharmaceutical grade filter paper and has produced outstanding results removing salts associated with both rising and lateral damp in a very short time.



Application of Cocoon by Trowel

Tempietto Norcia, Italy

This Tempietto which is quite unique even in Italy stands at the corner of a house. It is signed and dated 1354 by a sculptor or more correctly a stone "Chiseler" (Scalpellino).

The whole surface of compact excellent white limestone is literally covered with decorations all different from each other with no internal symmetry it does however obey the medieval rule of the symmetry of the overall proportions.

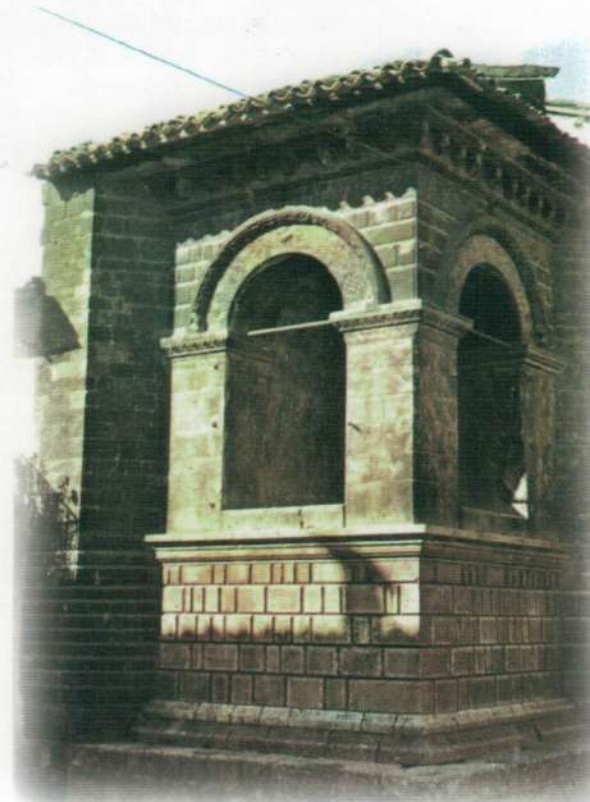
What it represents has been a mystery but it is believed to be the "stonemason's catalogue" or "brag book".

After cleaning work was carried out on the "Tempietto", yellow staining appeared on the surface, analysis showed them to be caused by soluble Iron Oxides.

The Westox Cocoon was very successful in removing the stains without causing any damage to the white limestone.



Application of Cocoon

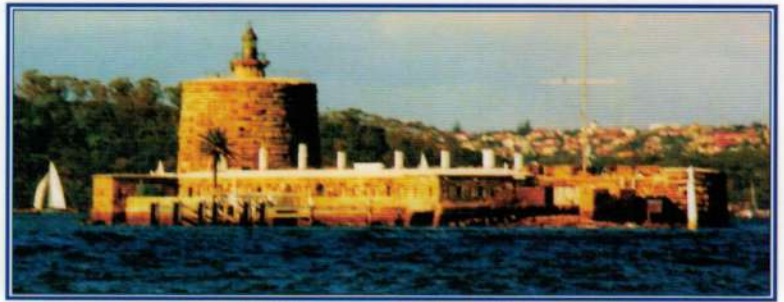


Tempietto Norcia, Italy

Some major projects that have used Cocoon®



Duomo Pisa - Italy C1057



Fort Denison - Sydney C1835



Penang City Hall - Malaysia C1890



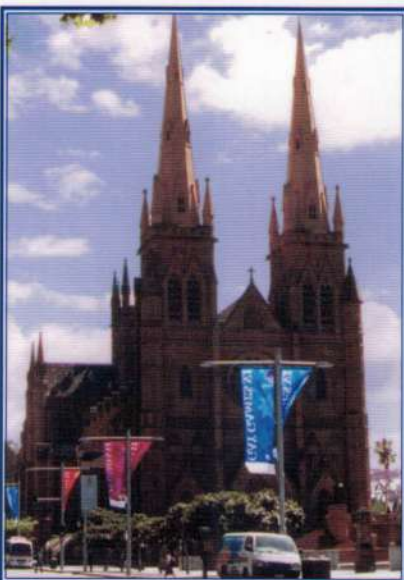
Governor's Mansion - Malaysia C1895



Art Gallery of NSW - Sydney C1865



Montecatini Terme - Pistoia, Italy



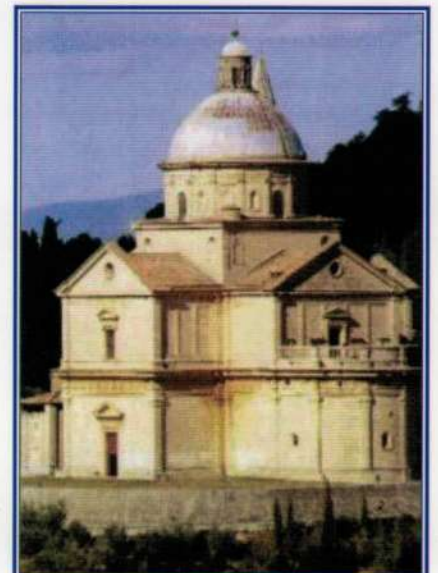
St Mary's Cathedral - Sydney C1865



Hambledon Cottage - Parramatta C1824



Port Arthur - Tasmania C1830



Tempio di San Biagio - Italy

Cocoon® Technical Specifications

For use by Restoration Professionals
PATENTED THROUGHOUT THE WORLD

Description

Manufactured from pharmaceutical grade filter paper. Features a very high internal surface area with high porosity and purity.

Uses

A poulticing medium designed specifically to remove salts associated with rising and lateral damp from masonry walls, works especially well on sandstone.

Features

- Clean application
- Applied by spray or trowel
- Easy removal with salts
- Cost effective
- Low maintenance
- No detrimental effect to the masonry
- Premixed, no onsite mixing
- Made from non-toxic materials
- Fast removal of salts

Technical Data

| | |
|-------------|-----------------|
| pH | 7.5+/-0.5 |
| S.G. | 1.1 |
| Flash Point | Non Flammable |
| Application | Trowel or Spray |

Limitations

Cocoon should not be applied to external walls if inclement weather is forecast before the material dries, this normally takes approximately 4 days @ 25°C and 2 days @ 30°C. If the material is wetted after initial drying, some shrinkage can occur, in this case the loose material should be removed and new Cocoon applied. Do not apply to surfaces that have free or running water present.

Preparation

Sweep the surface of the masonry to remove any loose sand or salts to provide a reasonably sound surface. Dispose of material removed from the surface to an appropriate land fill area. If the repointing of face brick or stone walls is to be carried out after desalination, the joints should be raked out to 25mm deep and filled with the Cocoon during the desalination work. For surface re-pointing mortars refer to the Westox Technical Department.

Application

Mask and cover areas as with any spray application. After preparation, apply one coat of Cocoon by spray at the rate of 6 to 7kg of mixed material per square metre. This will provide a wet film thickness of approximately 10mm. It is preferable that the surface is left with the textured finish from the spray application; a more even finish can be done without effecting the poulticing too much. Leave each application for the required dwell time before removal.

Removal

To remove the Cocoon (normally after 2 to 6 weeks – depending on temperature and contamination levels) simply peel from the substrate and dispose of removed material to an appropriate land fill area.

Clean Up

If allowed to dry, the Cocoon will peel off and any residue will wash off with water. Flush machinery thoroughly with clean water after spraying.

Packaging

| | |
|----------------|---------------------------------|
| Container Size | 20 Litre |
| Shelf Life | 6 months in unopened containers |

Safety

Refer to Westlegate Pty Ltd Safety Data Sheet for instructions. Refer to www.westox.com.

COCOON

TDS17 Rev7 17/02/20

For use by Restoration Professionals

**Aust Patented No: 743980, US Patented No: 6544329 / 6660081, Europe Patent Number: 99920462.1
China Patent Number: 200610144403.9, Gulf Patent Number: GCC/P/2006/7169**

DESCRIPTION

Manufactured from pharmaceutical grade filter paper. Features a very high internal surface area with high porosity and purity.

USES

A poulticing medium designed specifically to remove salts associated with rising and lateral damp from masonry walls and surfaces, works especially well on sandstone.

FEATURES

- ✓ Clean application
- ✓ Applied by spray or trowel
- ✓ Easy removal with salts
- ✓ Cost effective
- ✓ Low maintenance
- ✓ No detrimental effect to the masonry
- ✓ Premixed, no onsite mixing
- ✓ Made from non-toxic materials
- ✓ Fast removal of salts

TECHNICAL DATA

pH 8+/-0.5 S.G 1.1 Flash Point Non flammable

LIMITATIONS

Cocoon should not be applied to external walls if inclement weather is forecast before the material dries, this normally takes approximately four days @ 25°C and two days @ 30°C. If the material is wetted after initial drying, some shrinkage can occur, in this case the loose material should be removed and new Cocoon applied. Do not apply to surfaces that have free or running water present.

PREPARATION

Sweep the surface of the masonry to remove any loose sand or salts to provide a reasonably sound surface. Dispose of material removed from the surface to an appropriate land fill area.

APPLICATION

Mask and cover areas if spraying. After preparation, apply one coat of Cocoon by trowel or spray at the rate of 6 to 7kg of mixed material per square metre. This will provide a wet film thickness of approximately 10mm. It is preferable that the surface is left with the textured finish to provide a greater surface area. However, trowelling the surface flat to provide a more even finish can be done without effecting the poulticing too much. Leave each application for a minimum of 14 days before removal unless directed otherwise by the manufacturer.

REMOVAL

To remove the Cocoon (normally after two to six weeks) simply peel from the substrate and dispose of removed material to an appropriate land fill area.

CLEAN UP

If allowed to dry, the Cocoon will peel off and any residue can be removed with a stiff nylon bristled brush. Flush machinery thoroughly with clean water after spraying.

PACKAGING

20 Litre.

SHELF LIFE

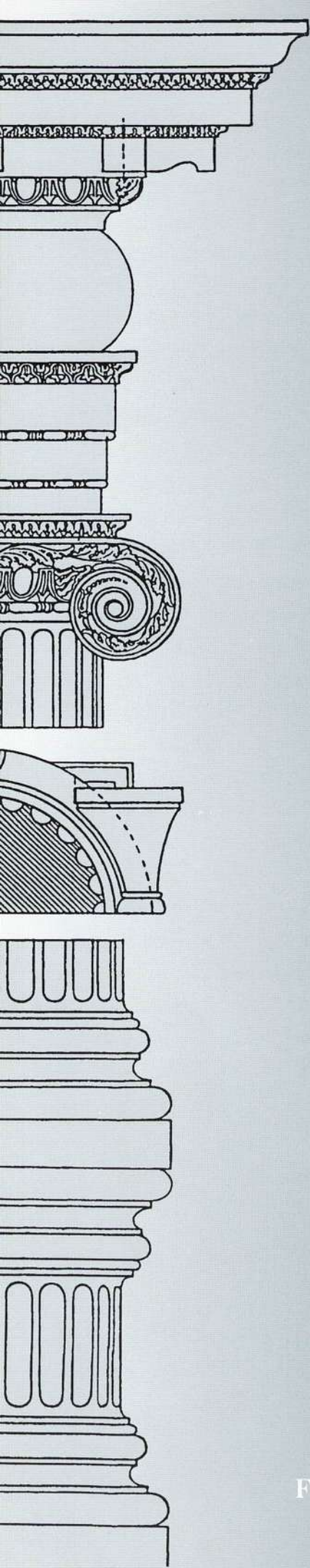
6 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WESTOX

*Ceiling
Reinstatement
System*

FOR THE RESTORATION OF PLASTER AND LATH CEILINGS.

Technology For Restoration



Ornamental lath and plaster ceiling requiring reinstatement

The restorer of historic buildings frequently encounters the problem of plaster which has become detached from walls and ceilings. In cases where the plaster is painted with important decorations or murals, or is valuable in itself as early architectural material, its preservation is often an urgent requirement. Plaster in historical buildings is most frequently attached to wood laths, but often the spaces between the laths were not made large enough to permit the forming of an adequate mechanical key between lath and plaster. The narrow keys of plaster formed between the laths prove too weak to support the weight of plaster, and break off. Sometimes the laths are nailed directly to planks, so that there is no room at all for keys of plaster to curl around behind the laths.



Thorough cleaning is essential

The condition of the laths may also be effected by fungal or insect attack and the presence of moisture can cause the nails fixing the laths to the joists to rust. Building movement and sagging of the roof timbers may also result in cracks appearing.

Various approaches have been used in re-attaching loose plaster to such substrates. In cases where the plaster keys between the laths have broken a common technique is to re-establish a key by placing over the back of the lath (where this is accessible) a new layer of plaster which is bonded to the broken stubs of the keys. Such a layer of plaster may be reinforced with cloth or wire mesh, or modified with adhesives so as to bond to the broken stubs of the keys.

There are several problems that may occur with some of the common techniques of re-attachment. Where new, reinforcing plaster is applied to the reverse side of ceiling laths, the added weight may be a consideration. Furthermore, the old plaster may continue to be subject to breakage of the keys just below the bond line of the new "backing plaster". Continuing breakage of keys would be particularly likely to occur if the original plaster is heavy or weak, or if there is insufficient space between the laths to allow the formation of keys of adequate width. Some materials used in typical adhesive formulations for plaster may not be resistant to hydrolysis, oxidative deterioration, or microbiological attack:



Application

The approach described in this brochure, has been used since 1976. It consists of injecting specially formulated acrylic-resin based adhesives into the space between the lath and plaster, through holes drilled either through the plaster or, where the reverse side is accessible, by saturating the substrate.

In providing a continuous bond between substrate and plaster, the method works equally well regardless of the availability of space for a mechanical key. It also distributes the load imposed by a heavy ceiling over the maximum area of the reverse side of the plaster, thus reducing the tensile stress on any one portion of the plaster. This system also offers the flexibility needed to absorb the differential expansion and contraction movements of lath, plaster and adhesive. Three formulations are used to reinstate the key. Westox R.A.P. Primer, this prewetting solution penetrates into the plaster and consolidates any dust or weak plaster that

may be present. Westox R.A.P. Adhesive is then applied. Where large voids exist R.A.P. thickened Adhesive may be injected. Full cure takes 7 days and temporary props need to be left in place for this period.



Penetration of adhesive and main propping areas



Adhesives by spray



Completed ceiling

Technical Specification

Product Data

The materials used are water based acrylics and consist of three products.

R.A.P. Primer

R.A.P. Adhesive

R.A.P. Thickened Adhesive

Package Size

20 Litre Pails

25 Litre Pails

Standard Specification

It is necessary before commencement of work that all floors are covered with waterproof drop sheets taped at the joints. Walls and skirtings, may also require protection.

The ceilings are to be supported by wooden props and braces. It is recommended that the props are cushioned at floor level to assure that the flooring is not damaged.

System A

If access can be obtained from above i.e. roof void or by removal of floorboards the following procedure is to be followed.

A-1

Remove all dust, loose plaster and other material from the lath work using an industrial vacuum cleaner.

A-2

Prime the ceiling from above so that all plaster and lath is coated., using Westox RAP Primer at the approximate coverage of 0.75 litre to 1 m². This may be achieved by use of a mechanical or hand pump spray unit.

A-3

Apply Westox R.A.P. Adhesive, using the same application method and coverage.

A-4

Should cracks be excessive the application of R.A.P. thickened Adhesive is recommended. This may be applied from above using a spatula or by drilling from below and injecting as outlined in method B.

A-5

After 7 days the props may be removed and the ceilings made good, filling cracks and where necessary replastering fallen sections.

System B

Where access from above is not possible an injection system is used. The preparation and protection of floors and walls are as System A. During propping assure that the cracked areas are left accessible.

B-1

Drill through the plaster with a 10 mm drill bit and insert the tapered nozzle of the injection gun into the hole. Pump the R.A.P. Primer in at approximately 0.5 litres per hole thoroughly saturating the plaster and lath above. Continue in this fashion forming a grid of holes at 300 mm centres.

B2

After completion of priming, repeat the treatment using Westox R.A.P. Adhesive, at the same coverage rate.

System B-3

Where cracks are excessive use Westox R.A.P. Thickened Adhesive injected into holes drilled directly into the cracks every 150m. It may be necessary to make good to the crack prior to proceeding with drilling to prevent leakage.

System B-4

Remove props after 7 days and make good to ceiling.

APPROVED APPLICATOR:-

Manufactured under a quality system certified as complying with ISO 9002 by an accredited certification body



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RAP PRIMER

TDS12 Rev6 17/02/20

DESCRIPTION

A pure acrylic primer with high penetrating properties.

USES

Used for wood lath ceiling reinstatement, re-establishing the adhesion of drummy plaster and render by injection, as a consolidator of friable substrates and as a Primer for the Westox Lime Wash.

TECHNICAL DATA

Adhesion Excellent to all surfaces.

pH 8.5 ± 1

PREPARATION

Clean surface and remove all surface dirt, flaking paint etc.

Repair unsound substrate.

For Westox Ceiling Reinstatement (where accessible) remove all dust and loose debris from the back of the laths with an industrial vacuum cleaner being careful not to disturb the plaster keys. Do not thin out material.

APPLICATION

Ceiling Reinstatement

Apply a flood coat at 1m² per Litre with a mechanical or hand pump.

Primer

When used as a primer for lime wash, allow approximately 5m² per Litre.

Apply with brush or roller.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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RAP ADHESIVE

TDS13 Rev7 17/02/20

Ceiling Reinstatement

DESCRIPTION

A pure acrylic adhesive.

USES

Used for wood lath ceiling reinstatement, re-establishment of adhesion for drummy plaster and render by injection. RAP Adhesive is also used as a primer under Multifinish.

TECHNICAL DATA

Colour White liquid
Adhesion Excellent to all surfaces.
pH 8.5 ± 1

PREPARATION

Used following the application of the RAP Primer in the Westox Ceiling Reinstatement System.
Do not thin out material.

APPLICATION

Ceiling Reinstatement

Apply a flood coat at 1m^2 per Litre with a mechanical or hand pump.

Primer

When used as a primer for Plastalite Multifinish allow approximately 5m^2 per Litre.
Apply with brush or roller.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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RAP THICKENED ADHESIVE

TDS90 Rev2 17/02/20

DESCRIPTION

RAP Thickened Adhesive is a pure acrylic adhesive.

USES

RAP Thickened adhesive is used in conjunction with other RAP products for the reinstatement of wood lath ceilings where specific requirements for a thicker adhesive are required. The specific requirements include very loose ceilings where excessive gaps are present or the nails holding the laths have rusted away. RAP thickened adhesive also finds use in the reinstatement of wood lath walls.

FEATURES

- ✓ Supplied ready to use.
- ✓ Thick applications will not crack.
- ✓ Compatible with other RAP Products.
- ✓ Excellent adhesive for wood

TECHNICAL DATA

| | |
|-------------|----------------------------|
| Appearance. | Thick smooth creamy paste. |
| Colour. | White. Dries clear. |
| Smell. | Slight acrylic odor |
| Solids . | 55% by volume. |
| pH. | 9/ + - 1. |

PREPARATION

Prepare as specified for RAP Primer and Adhesive applications. If timber reinforcing is to be added to the rear of the ceiling following the application of the RAP Primer. Allow the primer to cure overnight.

APPLICATION

Apply Thickened adhesive to the side of the reinforcing timbers and to the rear of the ceiling against the joist, lay in the reinforcing timber so it is tight against the joist and embedded into the Thickened adhesive on the rear of the ceiling. When used to fill voids inject the Thickened adhesive into the void areas and allow curing. On wood lath walls drill 10mm holes in the plaster in line with the vertical studs, drill at approximately 30cm spacing's to the full height of each stud. Starting from the bottom and working towards the top using a hand pump spray, insert the spray nozzle into each hole and soak the plaster and laths against the stud with the primer. Allowing overnight drying of the primer will allow better penetration of the thickened adhesive. Using a bulk gun filled with thickened adhesive and using a crutching ring to form a seal against the plaster, force the thickened adhesive into each hole. If the plaster is really loose fix battens across the wall to hold the plaster tight against the studs before commencing treatment. Leave the battens in place for 7 days before removal after treatment.

CLEAN UP

Clean up with water before adhesive has set. Use GP solvent to remove cured materials.

PACKAGING

4 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WESTOX

BUILDING PRODUCTS

**Westox
Chemical Dampproof
Course System**



**The Homestead
University of Malaysia**



**Suffolk House,
Malaysia**



**Bendigo Town Hall
Bendigo**

The Westox Chemical Injection Dampproof Course system has been used as a proven system in Australia for over 38 years. It has been used by many restoration companies on some of Australia's oldest buildings, ranging from victorian style terraces to major conservation projects.

The installation of the Westox Chemical Dampproof Course system is fast and clean.

A diagnosis can be made by placing a Tramex Moisture Meter onto the affected wall. The reading of the meter indicates the amount of moisture in the wall.

On commencement of the rising damp job, applicators will remove the original skirtings. These will be replaced at the end of the Chemical Dampproof Course work. If the skirting is rotten or in poor condition then a replacement skirting would be used.

The damp effected plaster is then removed to expose the brick or stone.

Salt contamination of the old plaster is caused by the moisture containing salts, rising up through the capillaries of the brickwork from the ground below.

These salts build up in the plaster over a period of time and attract airborne moisture. It is the expansion and contraction of these salts which cause the familiar rising damp symptoms of eroding and blistering paints and plaster.

A course of brick or stone is selected to become the new dampproof course, a series of 10mm holes are drilled at an appropriate depth and width.

The Westox Chemical Injection Pump is then introduced and the injection lances are placed into the holes and a seal is formed by a rubber expansion washer which holds the lance firmly into the brick or stone.



Tramex Moisture Meter



Chemical Injection Pump



Plaster Removal

The Westox Chemical Injection Fluid is then pumped into the brickwork and the fluid is forced under pressure into the capillaries of the brick or stone until it is visually evident that saturation has taken place. The injection fluid continues to penetrate through the masonry and mortar joints by capillarity for approximately 24 hours.

This has now formed the new dampproof course.

After a drying period the walls are replastered using the Westox Salt Retarder to complete the job. The new render is designed to allow the passage of water vapour, so that the residual moisture can dissipate from the wall.

Westox Salt Retarder

A large part of the final process is the inclusion of the Westox Salt Retarder in the plaster as an additive when the wall is being replastered.

Used as a controlled waterproofing additive to ensure that residual hygroscopic salts are discouraged from moving to the new surface during the drying out of the walls after the installation of the Westox Chemical Injection Dampproof Course.

Westox Cocoon

Westox Cocoon offers the option to remove salt from the masonry, if a traditional plaster specification is to be followed.

Westox Cocoon can also be used for salt removal on the external parts of the building.

Tramex Moisture Meter

Available from Westox. The Tramex Moisture Meter has been around for many years. It has been a reliable source of information when it comes to reading the amount of dampness in the wall. The Tramex Moisture Meter provides three measurement ranges, deep signal penetration and is suitable for use over many surfaces. It has a large clear display that is easy to read.



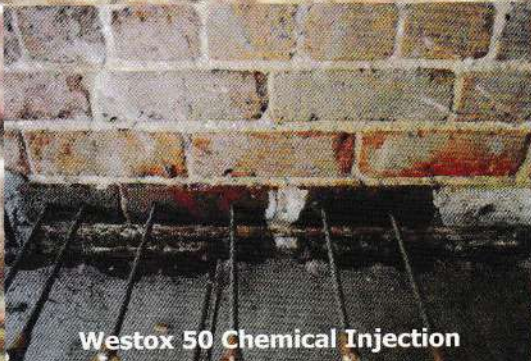
Redfern House
Orange



Hambledon Cottage
Sydney



Governor's Mansion
Malaysia



Westox 50 Chemical Injection



Replastering Wall



Westox Salt Retarder

TECHNICAL SPECIFICATIONS

WESTOX 50 LOW ODOUR

PRODUCT DATA

Westox 50 Low Odour is a low molecular structure alkoxysiloxane solution cross linked with a silane.

Formulated to provide maximum penetration in both brick and stone.

| | | | |
|-----------------------|---------------------|----------------------|----------------------------------|
| Colour: | Clear | Flash Point: | 59°C |
| Volume Solids: | 6 to 7% 100% Active | Package Size: | 20 Litre Drums / 200 Litre Drums |
| Components: | One | Clean Up: | White Spirits |

SPECIFICATION

Remove skirtings where applicable. Remove damp effected plaster to a height of 400mm above the highest point at which dampness can be detected (a suitable moisture meter should be used). Drill 10mm holes in the brick or stone to predetermined depths and spacing's. Introduce injection lances into holes and activate expansion washers. Proceed with injection through multi lance harness until it is visually evident that full saturation has been achieved.

USAGE:

The rate of fluid used will be relative to the porosity of the materials and the thickness of the walls. As a general guide the fluid requirements are in the region of 1.5 to 2 litres per 110mm thickness of wall per lineal metre.

REPLASTERING:

After drying out period (minimum of 2 -7 days) the walls are to be replastered to the following specification.

MIXING WATER:

40 parts fresh water to 1 part Westox Salt Retarder (e.g. 500mls per 20 litres water).

CEMENT MIX:

1 part OP Cement, 3 parts washed plastering sand.

DO NOT ADD lime, plasticizer or any other additives.

Mix to a workable consistency and apply at a minimum thickness of 10mm. After overnight drying the wall may be set finished with Westox Plastalite Multifinish. Should a sponge finish of render be required, a second coat of render may be applied on the same day as the salt retarding render coat. This finish coat is to be of 6 sand, 1 cement, 1 lime. After adequate drying either the original or replacement skirtings may be fitted.

CLEAN UP:

Clean tools and equipment immediately after use in clean water. (Refer below for injection machine clean up)

CLEAN UP INJECTION MACHINE:

Use white spirits or turps.

SAFETY:

Refer to the Westgate Pty Ltd Material Safety Data Sheet (MSDS) for instructions.

STORAGE: Store in a cool dry place.

Manufactured under a quality system certified as complying with ISO 9001:2008 by an accredited certification body



Quality
ISO 9001

SAI GLOBAL

WESTOX BUILDING PRODUCTS

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SALT RETARDER

TDS16 Rev7 17/02/20

Salt Retarding Additive for Render

DESCRIPTION

A water based additive which is mixed with 3:1 sand / cement and used in a repair and replacement of plaster affected by dampness. Used in conjunction with a Westox Chemical Injection Dampproof Course System or restoration of plaster affected by lateral damp.

USES

As a controlled waterproofing additive to ensure that residual hygroscopic salts are discouraged from moving to the new surface during the drying out of the walls after the installation of a Westox Chemical Injection Dampproof Course thus preventing secondary dampness problems.

FEATURES

- ✓ Water based
- ✓ Non toxic

TECHNICAL DATA

Specific Gravity approximately 1.02

LIMITATIONS

Cannot be used with acrylic renders, traditional renders or any render containing clay or lime. Cannot be used where active rising damp is present or where high levels of salt contamination exist. These issues must be successfully rectified prior to the use of the Salt Retarder render.

PREPARATION

Leave walls approximately 2 - 7 days to allow for evaporation of solution after installation of the Westox Chemical Injection Dampproof Course. Walls are to be sound and wetted thoroughly to eliminate excessive suction prior to the application of the render coat.

APPLICATION

All materials must be measured by volume using buckets or gauging boxes, not shovels.

- Three (3) parts sand - Triple Washed
- One (1) part cement - Type GP
- One (1) part Westox Salt Retarder - Premixed

Premix with one part (1) Salt Retarder to forty (40) parts water. Example: 500mls to 20 Litres water.

Do not add Lime, Plasticiser or Renderers Clay to Salt Retarder mix.

The Salt Retarder render is used as a 10mm backing render to walls. If a cement render finish is required, apply Westox Salt Retarder mix (minimum 10mm) and scratch the surface to provide a mechanical key. After initial set of cement is reached, approximately 2 - 4 hours, apply normal render mix (using type GP cement only) and finish in usual manner. If hard plaster finish is to be used, apply after salt retarding render coat has been allowed to set overnight.

SPECIFICATION

All base coat cement render finishes applied to walls after the treatment of Westox Chemical Injection Dampproof Course System are to have Westox Salt Retarder added to the mix prior to application. It shall be used in strict accordance with Westlegate Pty Limited printed instructions. Should high salt levels be present desalination is recommended prior to replastering. Refer to the Westox Cocoon Data Sheet.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.

INTERPROOF

TDS15 Rev6 17/02/20

Integral Waterproofing Additive for Mortar and Concrete

DESCRIPTION

Plasticising and waterproofing admixture which is added to concrete and / or mortar mixes to form a permanent waterproof lining of calcium stearate in situ, on the walls, pores and voids of concrete mixes.

USES

In concretes, renders and mortars, above and below ground level, to assist in making water resistant areas, such as basements, tanks, lift wells, tunnels, planterboxes etc.

FEATURES

- ✓ Rapidly dispersible
- ✓ Improves workability
- ✓ Increases durability of concrete
- ✓ After trade bonding not affected
- ✓ No significant strength reduction in concrete

TECHNICAL DATA

| | |
|--------------------------|----------------|
| Specific Gravity at 25'c | approx. 1-13 |
| pH | approx. 10.0 |
| Flash Point | not applicable |

PREPARATION

All surfaces to which the render is to be applied must be structurally sound and clean. Old concrete base work must be revealed by scrubbing a scratch coat over a CR25 / cement key coat can be used. New concrete and brickwork must be scabbled and wire brushed with joints raked. Thoroughly wet the substrate to be rendered and ensure that premature drying out of the surface does not occur.

APPLICATION Material should be machine mixed for consistency.

- Three (3) parts sand (triple washed)
- One (1) part cement (Type GP)
- One (1) part Westox Interproof to thirty (30) parts water. Example: 500mls to 15 Litres of water.

Do not add any Lime, Plasticisers or Renderers Clay to Salt Retarder mix.

SPECIFICATION

All concrete to be waterproofed shall be a minimum of 20 MPA design and shall be integrally waterproofed by the addition of Interproof as supplied by Westgate Pty Ltd used in strict accordance with the printed instructions.

PRECAUTIONS

Where surfaces are to be tiled, avoid the use of excess Interproof and excessive floating or trowelling. The proper use of Interproof will give durable water resistance to a relatively high pressure of water, however such applications are not impervious to water vapour. Avoid excess water in mixes, otherwise shrinkage cracks, water permeability and defective bonding will result. Avoid repeated and prolonged skin contact with Interproof.

CLEAN UP

Wash all equipment with clean water immediately after use.

PACKAGING

5 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

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TRAMEX MOISTURE ENCOUNTER 5

TDS73 Rev5 17/02/21

DESCRIPTION

Tramex Moisture Encounter 5 is a hand held meter used to detect moisture readings in a variety of surfaces.

USES

Used to detect moisture in paint, wall coatings, drywall, ceramic tiles, floor coverings, wood, roof coverings and ceiling tiles.

FEATURES

Non destructive moisture measurement of wood, plaster, drywall block, brick, roofing and most materials found in the building industry.

Three measurement ranges optimized for testing different materials.

Deep signal penetration up to 30mm to detect elevated moisture through most covering materials without having to damage or puncture the materials being tested.

External rubber electrodes make direct contact with material being tested for best sensitivity, repeatability and greater depth of signal penetration.

Ranges of sensitivity include Wood & Timber / Shallow Depth / Drywall & Roofing / Plaster & Tile / Masonry.

Wide range of readings from wood of 5% to 30% on wood scale of 0 to 100 on comparative scale for other materials.

Large clear easy to read display giving meaningful readings.

Hold function which enables the user to freeze the reading useful when taking readings where the meter face may not be visible.

High moisture audio warning tone which can be switched on or off.

Automatic power cutoff. Switches off when not in use.

PACKAGING

One per box.

REPAIRS & MAINTENANCE

Westox offer a repairs and maintenance service for Tramex equipment.



TRAMEX CONCRETE MOISTURE ENCOUNTER 5

TDS103 Rev2 17/02/21

DESCRIPTION

Tramex Concrete Moisture Encounter 5 is a hand held meter used to detect moisture in concrete.

USES

To detect moisture in concrete slabs and give comparative readings in other cementitious floor screeds.

FEATURES

Clear and easy to read analog dial.

No need to probe, drill or damage surfaces when taking readings.

Instant and precise readings to a depth of approximately 20mm into a slab.

Hold function freezes meter reading when inspecting areas where the meter face is not visible, and for easy recording of data.

Spring loaded contact pins compensate for uneven concrete and boost signal penetration.

OPERATING PROCEDURE

To carry out tests, brush any dust from a smooth area of concrete. Once meter is switched on, place it firmly on the surface, fully compressing the spring loaded contacts on the base.

Readings taken on concrete slabs through paint, coatings, adhesives or other materials on the surface should be regarded as qualitative or comparative and not quantitative.

PACKAGING

One per box.

REPAIRS & MAINTENANCE

Westox offer a repairs and maintenance service for Tramex equipment.



COARSE STUFF

TDS47 Rev6 17/02/20

DESCRIPTION

Westox Coarse Stuff is a mixture of triple washed sand and hand slaked lime with a Pozzuolanic additive (traditional lime mortar) supplied in a pre-bagged kit.

USES

Westox Coarse Stuff can be used for repointing or laying brick or stone in heritage work. It can also be used for render and float coats in traditional plastering.

TECHNICAL DATA

| | |
|----------------------|---|
| Colour | Off white but can be adjusted or matched to original mortar |
| Components | Washed sand, Slaked Lime, Kaolin Pozzuolan |
| Theoretical coverage | Brick – 1 x 20kg kit will repoint approximately 4m ² of brickwork with 25mm depth & 10mm wide joints |
| Cure Time | Moisture cure for minimum 4 days after placement |

PREPARATION

Rake out the joints to be repointed to a minimum depth of 25mm. Wash down the brickwork to remove dust and loose material. When no free water is visible begin the application.

APPLICATION

Mix parts (A) and (B) of the Coarse Stuff and place into the open joints. After approximately 30 minutes to one hour, press the joints to compact the material and strike with a weathered joint or finish equal with the original joints. When used for laying bricks or stone, use in place of normal cement based mortar.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

Part A 13 Litre bag.

Part B 1kg bag.

SHELF LIFE

3 years.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

CAUTION

Lime is caustic. Wear gloves and safety glasses when handling this material.

WESTOX

BUILDING PRODUCTS

PLASTALITE REPOINT

TDS53 Rev3 17/02/20

DESCRIPTION

Repoint is a cement-based repointing mortar formulated to be used with a wide range of powered and manual grouting guns or hand placement.

USES

For repointing mortar joints in sandstone, brick and concrete blockwork.

FEATURES

- ✓ Fast effective placement
- ✓ Assured mix ratios
- ✓ Reduced labour cost
- ✓ Available in a range of traditional colours
- ✓ Formulations for Heritage Buildings available
- ✓ Weatherproof yet sacrificial

PREPARATION

Rake joints to a minimum of 20mm deep from finished face.

All surfaces must be free of efflorescence, dust, dirt, oil, paint or other substances which may inhibit the adhesion of the mortar. Salt analysis and desalination may be required to increase the longevity of the mortar and protection of the building material. Refer to Westox Cocoon Data Sheet.

Acid cleaned surfaces should be washed down with Westox Neutralising Solution prior to application.

Water blasted surfaces should be allowed to dry for a minimum of 24 hours before repointing.

Mortar joint must be dampened before application.

MIXING

Each 20kg bag of Repoint will require approximately 4-5 Litres of water to reach a gunnable consistency.

For wider joints a stiffer mix containing less water may be required.

CURING

For a moisture cure, mist twice a day for 3-4 day.

Full cure in 7 days.

SPECIFICATION

Based on a traditional 6:1:1 mix.

Compressive strength - 8 to 9 MPA after 28 day cure.

S.G - 1.54kg/Litre.

Standards AS3700 and M3 Mortar.

APPLICATION

1 x 20kg bag covers approximately 4m² of brickwork joints 10mm x 25mm.

RESTRICTIONS

Do not apply during inclement weather.

Do not apply in temperatures below 5°C or above 30°C.

Do not allow new pointing to dry out too quickly.

CLEAN UP

Wash all equipment with fresh water immediately after use.

PACKAGING

20kg bag.

SHELF LIFE

6 Months.

SAFETY

Refer to the Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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PLASTALITE TUCKPOINT

TDS19 Rev6 17/02/20

DESCRIPTION

Tuckpoint is a fine sand, lime and Pozzuolanic material with a small amount of cement designed to provide a mortar mix with a moderate strength which will not be detrimental to the brick or stone where it is used.

USES

A ready formulated product for traditional tuckpointing. The material can also be used for pointing sandstone where the appearance of masons putty is required. Do not use Mortar Modifier if using for pointing sandstone.

FEATURES

- ✓ Available in White, Off White, Buff & Black
- ✓ Gunable
- ✓ Easy to use
- ✓ Consistent quality
- ✓ Compatible with other mortars
- ✓ Sacrificial in a salt environment
- ✓ Minimum shrinkage after tooling
- ✓ Non staining of stone

TECHNICAL DATA

| | |
|----------------------|----------------------------------|
| Setting time | 30 to 45 minutes for initial set |
| S.G. | 1.25 |
| Compressive Strength | 7 - 8 MPA |

COVERAGE

| | |
|-------------------------------|-------------------------------|
| Tuckpointing - 5mm x 2mm | 20kg = approximately 1000L/m. |
| Repointing stone - 5mm x 20mm | 20kg = approximately 130L/m. |

APPLICATION

Apply with brick key for traditional tuckpointing. For stone joints rake out to a minimum of 20mm deep and apply with pointing gun or trowel to previously dampened stone. New pointing should be kept damp for a minimum of 4 days to ensure full cure.

MIXING

Add Tuckpoint Powder to water and mix to a useable consistency. Mortar Modifier will ensure mortars cure to the correct strength without the need to moisture cure.

PACKAGING

20kg bag.

SHELF LIFE

6 months in unopened bag.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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LIME PRODUCTS

TDS58 Rev6 17/02/20

DESCRIPTION

Westox supply Lime products in liquid and powder form.

Calcium Oxide – Rock Lime/ Quicklime (Powder)

Calcium Hydroxide – Slaked Lime (Coarse Lime for brick or stone laying mortars).

Calcium Hydroxide – Putty Lime (General purpose and plastering Lime).

Calcium Hydroxide – Run Lime (Fine grade for cornice work and lime washes).

USES

Limes are the base of most traditional mortars and plaster mixes. Limes should be slaked for a minimum of 14 days prior to use when using in finishing materials. Slaked Limes are also used in our pre-mixed mortars.

TECHNICAL DATA

| | | |
|-------------|---------------|---|
| Slaked Lime | SG 1-1 to 1-3 | } 60% by weight water, 40% by weight Lime |
| Putty Lime | SG 1-1 to 1-3 | |
| Run Lime | SG 1-1 to 1-3 | |

PREPARATION

To remove excess water from any of the Slaked Limes, pour the lime into a ring made in a sand pit and leave overnight.

MIXING

Lime mortars can be mixed by hand or by mechanical mixers

APPLICATION

For specific uses and formulations containing Lime products consult our technical department.

PRECAUTIONS

All Limes are caustic. Care should be taken and the correct safety equipment should be worn when handling these materials.

PACKAGING

20 Litre & 200 Litre.

SHELF LIFE

3 years.

STORAGE

Storage life is indefinite provided the Lime is not allowed to dry out.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

SLAKED LIME

TDS64 Rev4 17/02/20

DESCRIPTION

Calcium Hydroxide – Slaked Lime (Coarse Lime for brick or stone laying mortars).

USES

Limes are the base of most traditional mortars and plaster mixes. Limes should be slaked for a minimum of 14 days prior to use when using in finishing materials. Slaked Limes are also used in our pre-mixed mortars.

TECHNICAL DATA

Slaked Lime SG 1-1 to 1-3

PREPARATION

To remove excess water from any of the Slaked Limes, pour the lime into a ring made in a sand pit and leave overnight.

MIXING

Lime mortars can be mixed by hand or by mechanical mixers.

APPLICATION

For specific uses and formulations containing Lime products consult our technical department.

PRECAUTIONS

All Limes are caustic. Care should be taken and the correct safety equipment should be worn when handling these materials.

PACKAGING

20 Litre & 200 Litre.

STORAGE

Storage life is indefinite provided the Lime is not allowed to dry out.

SHELF LIFE

3 years.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

PUTTY LIME

TDS66 Rev4 17/02/20

DESCRIPTION

Calcium Hydroxide – Putty Lime (General purpose and plastering Lime).

USES

Limes are the base of most traditional mortars and plaster mixes. Limes should be slaked for a minimum of 14 days prior to use when using in finishing materials. Slaked Limes are also used in our pre-mixed mortars.

TECHNICAL DATA

Putty Lime SG 1-1 to 1-3 60% by weight water, 40% by weight Lime

PREPARATION

To remove excess water from any of the Slaked Limes, pour the lime into a ring made in a sand pit and leave overnight.

MIXING

Lime mortars can be mixed by hand or by mechanical mixers.

APPLICATION

For specific uses and formulations containing Lime products consult our technical department.

PRECAUTIONS

All Limes are caustic. Care should be taken and the correct safety equipment should be worn when handling these materials.

PACKAGING

20 Litre & 200 Litre.

STORAGE

Storage life is indefinite provided the Lime is not allowed to dry out.

SHELF LIFE

3 years.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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RUN LIME

TDS65 Rev4 17/02/20

DESCRIPTION

Calcium Hydroxide – Run Lime (Fine grade for cornice work and limewash).

USES

Limes are the base of most traditional mortars and plaster mixes. Limes should be slaked for a minimum of 14 days prior to use when using in finishing materials. Slaked Limes are also used in our pre-mixed mortars.

TECHNICAL DATA

Run Lime SG 1-1 to 1-3

PREPARATION

To remove excess water from any of the Slaked Limes, pour the lime into a ring made in a sand pit and leave overnight.

MIXING

Lime mortars can be mixed by hand or by mechanical mixers.

APPLICATION

For specific uses and formulations containing Lime products consult our technical department.

PRECAUTIONS

All Limes are caustic. Care should be taken and the correct safety equipment should be worn when handling these materials.

PACKAGING

20 Litre & 200 Litre.

STORAGE

Storage life is indefinite provided the Lime is not allowed to dry out.

SHELF LIFE

3 years.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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LIMEWASH

TDS52 Rev6 17/02/20

DESCRIPTION

Westox Limewash is based on slaked rock lime using a number of traditional formulations. Various modern additives may also be deployed to obtain the performance characteristics required on any particular project. The selection of a particular blend depends on the substrate to be coated after discussion with the client.

COLOUR

Pastel shades to customer's requirements or tinting on site.

PREPARATION

Ensure that surfaces are free of loose and flaking paint, grease or other contaminants.

APPLICATION

Dampen porous surfaces immediately before applying Westox Lime Wash.

For previously painted surfaces it is recommended that light sanding is undertaken. For additional adhesion the surface may be primed using Westox RAP Primer (5 - 8m² per Litre) immediately before applying the Westox Lime Wash.

The Westox Limewash is applied at the rate of 5m² per litre per coat with three (3) coats normally required. Allow each coat to dry for two days before applying subsequent coats.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20 Litre.

SHELF LIFE

12 Months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

POZZUOLAN

TDS51 Rev5 17/02/20

DESCRIPTION

Pozzuolan is a calcined clay additive which is used to provide increased strength to traditional mortars by converting aerial lime into hydraulic lime.

USES

Pozzuolan is a mineral admixture with highly reactive Pozzuolanic properties. When used in mortars containing lime, Pozzuolan reacts with the free lime ($\text{Ca}(\text{OH})_2$) forming beneficial calcium silicate and calcium aluminate cementitious products. Pozzuolan can also be used in cement based products to enhance the performance of ordinary Portland cement mixes.

FEATURES

- ✓ Increased compressive & flexural strength
- ✓ Increased chemical resistance
- ✓ Reduced permeability
- ✓ Reduced efflorescence
- ✓ Positive set for lime render & plasters

USAGE RATES

When used as an additive for traditional render / mortars use at the rate of 25 - 30% Pozzuolan to lime by volume.

In cement based products Pozzuolan can be used by replacement or addition methods. Consult Westox Technical Department for advice.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg bag.

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for Instructions.

Pozzuolan is a low acute toxicity. Long term exposure to any respirable mineral dust could cause effects in the respiratory system.

HYDRAULIC LIME (NHL) 2

Conforms to European Norm EN 459 and BS 459
Strength factor: 2 (Feebly hydraulic)
Residue @ 0.09 mm: 5%
Density (volumetric weight) : typical 500 gr. / litre
Available (free) lime Ca(OH)₂ after slaking: 50-55%
Packing: 25kg. Bags

Contains no additives
Whiteness index: 76
Surface cover (cm² per gram): 11000
Expansion : < 1mm
Residue of quick lime after slaking: <1%
Shelf life: 8-12 months kept sealed and dry

| MORTARS MIX RATIO | Compressive strength - N/mm ² | | | | Elasticity Moduli (Mpa) | | |
|---|--|-------|-------|-------|-------------------------|---------|-------|
| | EN459* | 1 : 2 | 1:2.5 | 1 : 3 | 1 : 2 | 1 : 2.5 | 1 : 3 |
| 7 DAYS | | 0.62 | 0.53 | 0.47 | | | |
| 28 DAYS | 2.00* | 1.48 | 1.36 | 1.25 | 9025 | 9800 | 9000 |
| 6 MONTHS | | 3.84 | 3.00 | 2.88 | 12600 | 12030 | 11800 |
| 12 MONTHS | | 4.00 | 2.90 | 2.90 | 12515 | 12030 | 11900 |
| 24 MONTHS | | 4.25 | 3.00 | 2.75 | 13375 | 12000 | 11750 |
| Consumption for 1m ³ of mortar (kg. +/- 10%) | | 280 | 224 | 168 | | | |
| * EN/BS 459 (mortar ratio 1:1 by volume with ISO 679 Sand) | | | | | | | |

Mixing: can be mixed in cement mixers.

Application by spray gun: possible. Please consult us.

Working temperatures: not below 8°C or above 30°C. Make sure that high suction materials are thoroughly dampened before application. Avoid rapid drying due to high temperatures or strong winds by curing with a light water mist several times a day if necessary. Protect from frost, rain, direct sun and strong wind.

SUITABLE FOR LATH WORK/INJECTION/GROUTING

Reworking: possible within 24 hours.

Mortar composition: MASONRY/POINTING: 1 VOLUME OF NHL 2 : 2 VOLUMES OF SAND

Choose well graded sands (3mm: 75microns).

RENDERING

On earth or friable supports, after preparation and cleaning, dampen with a 1:20 solution of NHL2/water applied in 2 coats.

A. Scratch coat (3-4mm) 3 VOLUME OF NHL 2 : 5 VOLUMES OF SAND - This coat is applied by casting on to a still damp but not over saturated support and is left as cast to provide good keying.

B. Undercoat (15-20mm) 1 VOLUME OF NHL 2 : 2 VOLUMES OF SAND* Can be applied in 2 passes of min. 1cm. Second pass only after first is reasonably dry.

C. Finishing (5mm) 1 VOLUME OF NHL 2 : 2.5 VOLUMES OF SAND

The dosage / thickness may vary in accordance with the desired finish and the sand used. In smooth floated finishes if very fine sands containing clay are used the binder (NHL) quantity will be reduced.

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HYDRAULIC LIME (NHL) 3.5

Conforms to European Norms EN 459 and BS 459
Strength factor: 3.5 (Moderately hydraulic)
Residue @ 0.09 mm: 6.5%
Density (volumetric weight) : typical 650gr / litre
Available (free) lime after slaking Ca(OH)₂: 25% +
Packing: 25kg. Bags

Contains no additives.
Whiteness index: 72
Surface cover (cm²pergram): 9000
Expansion : < 1mm
Residue of quick lime after slaking: < 1%
Shelf life: 8-12 months kept sealed and dry

| MORTARS MIX RATIO | Compressive strength N/mm ² | | | | Elasticity Moduli (Mpa) | | |
|--|--|-------|---------|-------|-------------------------|-------|-------|
| | EN459* | 1 : 2 | 1 : 2.5 | 1 : 3 | 1 : 2 | 1:2.5 | 1 :3 |
| 7 DAYS | | 0.75 | 0.57 | 0.53 | | | |
| 28 DAYS | 3.5* | 1.88 | 1.47 | 1.34 | 9010 | 9000 | 8070 |
| 6 MONTHS | | 7.1 | 5.34 | 3.94 | 15260 | 13501 | 13150 |
| 12 MONTHS | | 7.5 | 5.90 | 3.90 | 15280 | 13620 | 13150 |
| 24 MONTHS | | 8.63 | 6.00 | 3.97 | 17480 | 13785 | 13670 |
| Consumption for 1m ³ of mortar Kg. +/- 10% | | 305 | 244 | 216 | | | |
| EN 459/BS 459 (mortar ratio 1:1 by volume, with ISO 679 Sand) | | | | | | | |

Mixing: can be mixed in cement mixers.

Application by spray gun: possible. Please consult us.

Working temperatures: not below 5°C or above 30°C. Make sure that high suction materials are thoroughly dampened before application. Avoid rapid drying due to high temperatures or strong winds by curing with a light water mist several times a day if necessary.

SUITABLE FOR LATH WORK / LIME CONCRETE/INJECTION/GROUTING See relevant sheets

Reworking: possible within 12 hours

Mortar composition: MASONRY/POINTING/ CAPPING/ BEDDING/ ASHLAR

Binder: sand ratio: from 1:1.5 to 1:3 depending on the support/background conditions, the size of the joint and the fineness of the sand. Always use well graded sands (3 - 4mm down to 75 microns).

RENDERING

A. Scratch coat (3-5mm) 1 VOLUME OF NHL 3.5 : 1.5 VOLUMES OF SAND - Cast on

B. Undercoat (15-20mm) 1 VOLUME OF NHL 3.5 : 2 VOLUMES OF SAND*

C. Finishing (5-10mm) 1 VOLUME OF NHL 3.5 : 2.5 VOLUMES OF SAND

With very fine sands possibly containing clays the binder content may have to be reduced.

*At this dosage the consumption is approx. 0.35kg. of NHL 3.5 per m² for each mm thickness.

HYDRAULIC LIME (NHL) 5

Conforms to European Norms EN 459 and BS 459
Strength factor: 5 (Eminently hydraulic)
Residue @ 0.09 mm: 7%
Density (volumetric weight) typical: 700 gr. / litre
Available (free) lime Ca(OH)₂ after slaking: 20-22%
Shelf life: 8-12 months kept sealed and dry

Contains no additives.
Whiteness index: 67
Surface cover (cm²per gram): 8000
Expansion : < 1mm
Residue of quick lime after slaking: < 1%
Packing: 25kg. Bags

| MORTARS MIX RATIO | Compressive strength N/mm ² | | | | Elasticity Moduli (Mpa) | | |
|--|--|-------|---------|-------|-------------------------|-------|-------|
| | EN459* | 1 : 2 | 1 : 2.5 | 1 : 3 | 1 : 2 | 1:2.5 | 1 :3 |
| 7 DAYS | | 1.96 | 1.00 | 0.88 | n/a | n/a | n/a |
| 28 DAYS | 5* | 2.20 | 2.00 | 1.5 | 10800 | 1100 | 10000 |
| 6 MONTHS | | 7.31 | 5.91 | 5.31 | 18000 | 17050 | 16900 |
| 12 MONTHS | | 9.28 | 8.84 | 6.50 | 18510 | 17280 | 16150 |
| 24 MONTHS | | 10.81 | 8.81 | 7.8 | 21500 | 18020 | 17430 |
| Consumption for 1m ³ of mortar Kg. +/- 10% | | 350 | 280 | 233 | | | |
| EN 459/BS 459 (mortar ratio 1:1 by volume, with ISO 679 Sand) | | | | | | | |

Mixing: can be mixed in cement mixers.

Application by spray gun: possible. Please consult us.

Working temperatures: not below 5°C or above 30°C. Make sure that high suction materials are thoroughly dampened before application. Avoid rapid drying due to high temperatures or strong winds by curing with a light water mist several times a day if necessary.

SUITABLE FOR LATH WORK / LIME CONCRETE/INJECTION/GROUTING

Reworking: possible within 8 hours

Mortar composition: MASONRY/POINTING/CAPPING/MASS WALL BEDDING/ FOUNDATION/SEA DEFENCE WALLS/CHIMNEY STACS/NEW BUILD (Masonry)

Depending on the conditions of the support/background, the fineness of the sand and the size of the joints, binder : sand ratio values vary between 1: 1.5 to 1: 2.5
Choose well graded sands (3 or 4mm down to 75 microns).

RENDERING

- A. Scratch coat (3 - 5mm) 1 VOLUME OF NHL 5 : 1.5 VOLUMES OF SAND Cast on recommended
B. Undercoat (15-20mm) 1 VOLUME OF NHL 5 : 2 VOLUMES OF SAND * (1:2.5 max)
*At this dosage the consumption is approx 0.4 kg. of NHL 5 per m² for each mm of thickness
C. Finishing (5-10mm) USE NHL 3.5 OR NHL 2, see relevant sheets

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HYDRAULIC LIME RESTORATION GROUT

TDS86 Rev2 29/11/2021

A single part powder mixed with clean water.

DESCRIPTION

Westox Hydraulic Lime Restoration Grout is a free flowing Natural Hydraulic lime mortar with minimal shrinkage.

USES.

Used to fill voids in brick and stone walls prior to the installation of a chemical damp proof course or provide additional strengthening to weak masonry walls.

FEATURES

- | | |
|-----------------------|----------------------|
| ✓ Easy Mixing | ✓ Pourable |
| ✓ 1 hour working time | ✓ Fast Setting |
| ✓ Easy placement | ✓ Variable Strengths |

TECHNICAL

| | |
|----------------------|-----------------------------------|
| Setting time | 1 hour working time. |
| S.G. | 1070kg /m ³ dry powder |
| S.G. | 1570kg/m ³ Mixed. |
| Compressive Strength | 8 to 10Mpa after 30 day cure. |

For higher strengths the addition of a reinforcing resin is required.

COVERAGE

Void sizes vary and are not visible but 1 x 20kg bag is approximately 12.5 litres by volume.

MIXING

Add 20kg bag of powder to 7 litres of potable water. Use a mechanical stirrer and always add the powder to the liquid.

APPLICATION

Mix the Hydraulic Lime Restoration Grout by adding the powder to the liquid until the material is fully mixed, try to avoid introducing air into the mix. The grout can be installed using a mortar pump or gravity fed into the voids. Ensure that all surfaces that will come into contact with the grout are well wetted prior to placement to remove suction and allow free flow. Allow water to dissipate before placement so surfaces are damp **not wet**.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20 kg plastic lined paper bags.

SHELF LIFE

3 months in unopened bag.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.
(Avoid contact with bare damp skin as the material reacts with moisture).

D-LAM 20

TDS39 Rev6 17/02/20

Controlled Paint Removal System

DESCRIPTION

Westox D-Lam 20 is a solvent based paint removal system in an easy to use paper pulp carrier.

USES

Used to remove paint coatings from timber, plaster and masonry. By timing the application paint can be removed 1 coat at a time or several coats together. The D-Lam 20 is ideal for exposing heritage stencil work that has been hidden by numerous coats of paint and for graffiti removal.

FEATURES

- ✓ Non caustic
- ✓ Controllable
- ✓ Can be used on most substrates
- ✓ Non methylene chloride
- ✓ Self Neutralising
- ✓ Easy to use

TECHNICAL DATA

| | | | |
|---------------------|-------------|--------------------|-----------|
| S.G. | 1.02 – 1.04 | Flashpoint (deg C) | 62 (Pmcc) |
| Miscible with water | | | |

PREPERATION

It is advisable to apply a test area prior to the commencement of each project to assess its suitability and to determine the most effective application method.

APPLICATION

Apply D-Lam 20 by trowel at approximately 3 to 4mm thickness. Reaction time can be as short as 20 minutes for one coat removal and 24 hours to remove up to six coats.

After the required dwell time, remove the D-Lam 20 from the surface and avoid removing the coating, place the D-Lam 20 into a bucket and mix 50/50 with fresh D-Lam 20 ready to use again. Remove the softened paint separately and dispose of in the appropriate manner. Re-apply the remixed D-Lam 20 and repeat procedure until the desired removal is completed.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

4 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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D-LAM 100

TDS40 Rev6 17/02/20

Controlled Paint Removal System

DESCRIPTION

Westox D-Lam 100 concentrate is a solvent based gel formulated for the removal of paint.

USES

To remove paint and coatings from timber, plaster and masonry.

FEATURES

- ✓ Non caustic
- ✓ Can be used on most substrates
- ✓ Non methylene chloride

TECHNICAL DATA

S.G. 1.0 – 1.1
Flashpoint (deg C) 52 (Pmcc)
Miscible with water.

APPLICATION

Apply D-Lam 100 by roller or brush at the rate of approximately 1m² per Litre.

The reaction time will depend on the type of paint and thickness of the applied layers.

It is advisable to apply a test area prior to the commencement of each project to assess its suitability and most effective application method.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

4 Litre & 20 Litre.

SHELF LIFE

12 months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



PLASTALITE HYDRAULIC LIME STONE REPAIR MORTAR

TDS77 Rev4 17/02/20

FOR REPAIRS TO BROKEN AND DELAMINATED STONE, RENDER & MOULDINGS

DESCRIPTION

Plastalite Hydraulic Lime Stone Repair Mortar is a one component based repair mortar.

USES

Formulated for repairs to horizontal, vertical and overhead surfaces of stone, render and mouldings.

FEATURES

- ✓ Single pack
- ✓ NHL Based
- ✓ Can be colour matched.
- ✓ Compatible with sandstone & lime stone.

TECHNICAL DATA

| | |
|----------------------|-----------------------------------|
| Working time | 30min at 25°C |
| Minimum Build | 1mm |
| Maximum Build | 140mm |
| Compressive Strength | 10MPA – 7 days 20MPA – 28 days |

PREPARATION

All surfaces must be sound and free of loose material or any contaminants.

MIXING

Gradually add the Plastalite Hydraulic Lime Stone Repair Powder to the required amount of clean water and mix to a smooth workable lump free consistency. The over use of water may cause slumping.

APPLICATION

Apply the mixed mortar by trowel or float to the previously dampened surface. 12m² per 20kg kit @ 1mm thick.

CAUTION

Do not use Plastalite Hydraulic Lime Stone Repair Mortar to repair sandstone that is contaminated with salt from rising or lateral damp. Contact our Westox Technical Department for advice on desalination.

CURING

Plastalite Hydraulic Lime Stone Repair material is formulated to cure under normal conditions. If applied in high temperatures or windy conditions, measures should be taken to prevent premature drying. Occasional dampening or covering the area with shade cloth may also assist the curing process.

FINISHING

A wooden float or sponge may be used to achieve the desired finish. Initial set 2 hours, full set 8 hours.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg container

SHELF LIFE

12 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

PLASTALITE STONE REPAIR MORTAR

TDS34 Rev6 17/02/20

FOR REPAIRS TO BROKEN AND DELAMINATED STONE OR RENDER & MOULDINGS

DESCRIPTION

Plastalite Stone Repair Mortar is a two component acrylic modified cement based repair mortar.

USES

Formulated for repairs to horizontal, vertical and overhead surfaces of stone, render and mouldings.

FEATURES

- ✓ Easy application
- ✓ Non Corrosive
- ✓ Non Toxic
- ✓ Pre-packed
- ✓ Lightweight

TECHNICAL DATA

| | |
|----------------------|-----------------------------------|
| Working time | 30min at 20°C |
| Minimum Build | 1mm |
| Maximum Build | 100mm |
| Compressive Strength | 10MPa – 7 days 20MPa – 28 days |

PREPARATION

All surfaces must be sound and free of loose material or any contaminants.

MIXING

Gradually add the Plastalite Stone Repair Mortar Powder Part A to the required amount of Westox Mortar Modifier Part B and mix to a smooth workable lump free consistency. The over use of the gauging liquid may cause slumping.

APPLICATION

Apply the mixed mortar by trowel or float to the previously dampened surface. 12m² per 20kg kit @ 1mm thick.

CAUTION

Do not use Plastalite Stone Repair Mortar to repair sandstone that is contaminated with salt from rising or lateral damp. Contact our Westox Technical Department for advice on desalination.

CURING

Plastalite Stone Repair material is formulated to cure under normal conditions. If applied in high temperatures or windy conditions, measures should be taken to prevent premature drying. Occasional dampening or covering the area with shade cloth may also assist the curing process.

FINISHING

A wooden float or sponge may be used to achieve the desired finish. Initial set 2 hours, full set 8 hours.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg kits - 15kg powder & 5kg gauging liquid.

SHELF LIFE

6 months.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

PLASTALITE HIGH BUILD REPAIR MORTAR

TDS33 Rev6 17/02/20

CONCRETE REPAIR SYSTEM

Designed for effective and economical repairs to all types of concrete structures

DESCRIPTION

Plastalite High Build Repair Mortar is a two component, cement based repair mortar.

USES

Formulated for repairs to horizontal, vertical and overhead concrete and masonry.

FEATURES

- ✓ Easy application in layer up to 80mm thick
- ✓ Non Corrosive
- ✓ Non Toxic
- ✓ Pre-packed
- ✓ Lightweight

TECHNICAL DATA

| | |
|----------------------|--------------------------------|
| Working time | 30 minutes at 20°C |
| Minimum Build | 1mm |
| Maximum Build | 100mm |
| Compressive Strength | 10Mpa – 7 days 20Mpa – 28 days |

PREPARATION

All concrete or mortar must be sound and free of loose material laitance or any contaminants. All steel reinforcing shall be rust free and appropriately treated to remove scale and coated with Westox CR25/cement. Refer to CR25 Data Sheet. Absorbent substrates must be thoroughly dampened prior to application. The surface must be damp with no free water.

APPLICATION / MIXING

Gradually add Plastalite High Build Repair Mortar Part A to required amount of Westox Mortar Modifier Part B and mix to a smooth workable lump free consistency. The over use of gauging liquid may cause slumping. Apply the mixed mortar by trowel or float to the primed surface. 12m² per 15kg bag @ 1mm thick.

PRIMING

A slurry of Westox CR25/cement is to be applied to the dampened surface and the High Build Mortar is to be applied while the slurry is still wet.

CURING

Plastalite High Build Repair Mortar is formulated to cure under normal conditions. If applied in high temperatures or windy conditions a curing agent/primer in the form of Westox WB30 could be used. The covering of the area with plastic sheeting may also assist the curing process to avoid shrinkage. Initial set 2 hours, full set 8 hours.

FINISHING

A float and sponge finish may be achieved. A finish coat of Westox Plastalite Fairing Coat may be used to achieve a smooth surface.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg kits - 15kg powder & 5kg gauging liquid.

SHELF LIFE

6 months in unopened bag.

SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

PLASTALITE FAIRING COAT

TDS35 Rev7 17/02/20

DESCRIPTION

A polymer modified thin application lime and cement fairing material for horizontal, vertical and overhead surfaces.

USES

For thin bed trowel application over sound masonry substrates or spalling concrete repairs to provide a flat smooth surface suitable for painting. Also used for filling blow holes in concrete. Can be modified with Westox Mortar Modifier.

FEATURES

- ✓ Thin bed application
- ✓ Can be trowel finished
- ✓ Can be sanded to a feather edge
- ✓ Easy workability
- ✓ Easy clean up in water.

LIMITATIONS

Westox Fairing Coat should not be applied over existing coatings without first carrying out a trial for compatibility.

PREPARATION

Surfaces to be treated should be sound, free of grease, oil or form release agents. All loose material must be removed prior to application or any material that may affect the adhesion of the Plastalite Fairing Coat. Dampen the surface to minimise suction if necessary.

APPLICATION

Mix with Westox Mortar Modifier Part B to a usable consistency, do not mix more material than can be applied within 30 minutes of mixing. Apply by trowel to a smooth surface, a small amount of water thrown on the surface after initial set will assist in smoothing. Any sanding required should be left until the next day when the material is dry. Allow 3 days cure before coating. A 15kg bag covers approximately 12m² @ 1mm thickness.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg kits - 15kg powder & 5kg gauging liquid.
Can be used without gauging liquid in some applications.

SHELF LIFE

6 months.

SAFETY Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions

GROUTING MORTAR

TDS45 Rev4 17/02/20

DESCRIPTION

Westox Grouting Mortar is two part kit used in conjunction with Westox Crack Stitching Bars.

USES

Westox Grouting Mortar is used as a bedding mortar for Westox Crack Stitching Bars when carrying out repairs to cracks in brickwork, stonework and other masonry structures.

FEATURES

- ✓ Easy mixing.
- ✓ High strength.
- ✓ Easy placement.
- ✓ Gunable or trowelable.
- ✓ Fast setting.

TECHNICAL

| | |
|----------------------|--------------------------------------|
| Setting time | 3 hours set time, 30 days full cure. |
| S.G. | 1.5kg / Litre |
| Compressive Strength | 65MPA after 30 day cure. |

COVERAGE

Joint Size – 10mm wide, 35mm deep
Approximately 30 Lineal Metres per 20kg kit.

MIXING

Only mix required amount needed. Add powder (Part A) to a portion of the liquid (Part B) until the required workable consistency is reached.

APPLICATION

Thoroughly wet down raked out joints to remove dust and debris and to control suction. Allow joints to become visually dry before placement of mortar. Place approximately 10mm of grout to rear of joint and push in reinforcing bar. Fill joint to face and pack grout tight to fully encapsulate the bar.

CLEAN UP

Wash all equipment in fresh water immediately after use.

PACKAGING

20kg Kit - Part A Powder 15kg bag & Part B Liquid 5 Litres.

SHELF LIFE

6 months in unopened container.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



Westlegate Pty Ltd
16 Frost Road Campbelltown NSW 2560
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Remedial Tie

Westox Helical Anchoring System



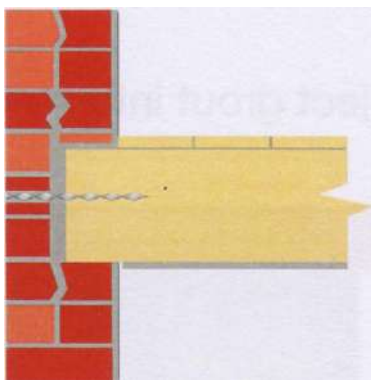
DESCRIPTION

TDS43 Rev7 17/02/20

The Westox Remedial Tie anchorage system includes ties that can be hammered or grouted into masonry walls. The Westox Remedial Ties are an austenitic stainless steel 316, reinforcing material. Being rolled from a plain round wire, the fins are work hardened to a very high level whilst the core remains relatively soft. The subsequent twisting process puts the fins into tension and the core into compression. The tensile strength of the base material is more than doubled during the manufacturing process. The pronounced fins over the core make the bonding characteristics of the Westox Remedial Tie far superior to alternative standard reinforcing materials.

The Westox Remedial Ties are available in 6mm, 8mm and 10mm diameter and 200mm, 220mm and 250mm lengths. Other lengths and profile to meet the requirements of Structural Engineers and other specifiers are available on request.

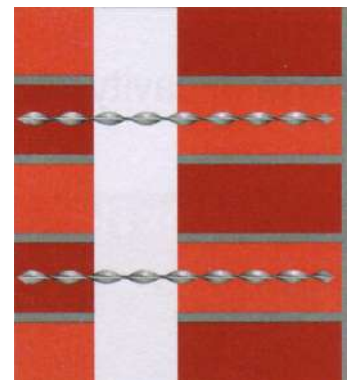
Uses – The uses of the ties are both wide and varied and they can be utilised in new buildings and for many specialised refurbishment requirements like apartment buildings, historic buildings, bridges and many more. The Westox Remedial Ties can be used for structural reinforcement and anchorage fixings.



Wall Attachment



Repair and reinforcement of
damaged wall lintels



Remedial Wall Ties

Westlegate Pty Ltd

16 Frost Road Campbelltown NSW 2560

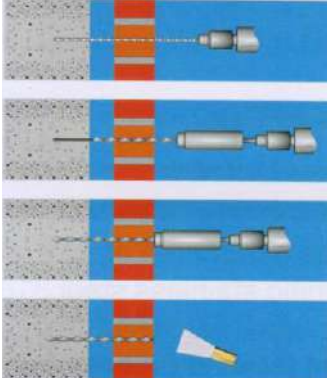
Ph: 61 2 4628 5010 1300 937 869

Email: info@westox.com Website: www.westox.com

WESTOX BUILDING PRODUCTS

Remedial Tie

WESTOX REMEDIAL TIE DRY INSTALLATION

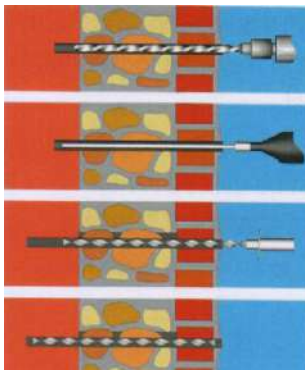


Westox Remedial Ties – Dry Fix

1. Drill pilot hole 2mm smaller than tie and approx. 70mm into the inner leaf.
2. Holes cleaning – Vacuum out the holes and flush with water.
3. Preparation of Ties – insert tie into the SDS PST3 tool.
4. Drive the tie till the tie is fully recessed into the masonry.
IMPORTANT: USE THE HAMMER ACTION, ROTATION OFF SETTING.
5. Cover hole with appropriate grout.
6. Spread the ties at one metre centres horizontally (across) and 60cm vertically (up and down) with each row staggered.

WESTOX REMEDIAL TIE – CHEMICAL INSTALLATION

Westox Remedial Tie Chemical Installation System is ideal for use in masonry walls where the quality of masonry is poor or inconsistent or where mechanical ties will not bind with the masonry. The use of Polyester Resin Grout is needed.



Westox Remedial Ties – Chemical Fix

1. Drill hole 2mm larger than tie and approx 70mm into inner leaf.
2. Holes clearance – Vacuum out the holes and flush with water.
3. Mix grout and using the appropriate nozzle inject grout into the hole.
4. Push the tie till the tie is fully recessed into the masonry.
IMPORTANT: USE THE HAMMER ACTION, ROTATION OFF SETTING.
5. Cover the hole with appropriate grout.

NOTE: In cavity walls inject grout into the inner leaf, insert tie and then inject grout into outer leaf.

WESTOX REMEDIAL TIE – DRY APPLICATION WITHOUT RESIN



Choose Position



Drill Pilot Hole



Inserting Tie into wall



Finishing

CR25

TDS23 Rev7 17/02/20

High Strength Rubberised Cement Coating

DESCRIPTION

A one component latex based emulsion and when mixed with fine cement provides a semi-rigid waterproof coating, used as a primer / coating system.

USES

As a tanking membrane for internal and external walls. To provide a sealed surface on concrete substrates under sheet membranes or as an adhesive between layers of concrete. When mixed with fine cement Westox CR25 acts as a waterproof coating on solid substrates. Westox CR25 will bond normal render to high strength concrete and eliminate render slide during application over non-porous surfaces. It is recommended that a coating is applied over the top to protect from UV, if required.

FEATURES

- ✓ Unaffected by water after final set.
- ✓ Can be applied to damp surfaces.
- ✓ Can be rendered or painted over.
- ✓ Increased bond strength.
- ✓ Easily repaired.
- ✓ Excellent adhesion.

TECHNICAL DATA

| | |
|--------------------------|---|
| Specific Gravity at 25°C | 1.0 |
| Vapour Transmission | 0.002g / m ² / 24 hours – 92% RH |
| pH | 10.5 – 11.5 |
| Hydrostatic pressure | will work to 25m head of water. |

PREPARATION

The surface to be treated should be clean and sound, free of oil, grease, laitance or any material deleterious to the adhesion of the coating system. Must be applied direct to masonry substrate.

Do not apply coating if temperature is below 10°C or above 35°C. Do not apply coating if rain is imminent.

APPLICATION

Pour Westox CR25 into mixing vessel, then slowly add ordinary Portland cement (type GP) whilst consistently mixing, to produce a lump free consistency. If in doubt, sieve cement first.

Mixing ratio one (1) part Westox CR25 to two (2) parts cement by volume.

Yield 5 Litre Westox CR25 and 10 Litre cement – 12.5m² @ 1mm thick.

Application by brush or broom.

Tanking procedure: Apply **1st coat** of Westox CR25/cement to pre-moistened surface to the recommended thickness of 1mm, brushing in one direction only. The **2nd coat** may be applied as soon as the first coat has set. Brush or broom at right angles to the previous application to ensure no pin holing occurs. Apply at the same thickness as first coat. If tanking is to be rendered over allow first two (2) coats to dry for a minimum of 24 hours before applying a third coat of Westox CR25/cement as an adhesive/bond coat. While this 3rd coat is still wet or green apply render scratch coat and allow to dry minimum overnight before applying render float coat. Allow 7 days before putting into service or painting.

Do not use type GB or Builders Cement that has a high slag content.

Do not brush out too thinly. Minimum of 1mm per coat.

Do not use coating as a filler.

Do not spray, this product is not suitable for spraying.

CLEAN UP Wash all equipment with fresh water immediately after use and before Westox CR25 has set.

PACKAGING 5 Litre, 20 Litre.

SHELF LIFE 12 months.

SAFETY Refer to Westlegat Pty Ltd Safety Data Sheet (SDS) for instructions.



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Flexible Cement Membrane (FCM)

TDS81 Rev5 17/02/20

Highly Flexible Rubberised Cement Coating

DESCRIPTION

Westox Flexible Cement Membrane is a two component latex based emulsion and when mixed provides a flexible waterproof coating, used as an adhesive for render, a primer or vapour barrier coating system. FCM also contains an anti-corrosive additive and can be used as an anti-corrosive coating on steel when repairing concrete spalling.

USES

As a tanking membrane for internal and external walls. To provide a sealed surface on concrete substrates under sheet membranes or as an adhesive between layers of concrete. Westox FCM will bond normal render to high strength concrete and eliminate render slide during application over non-porous surfaces. It is recommended that a coating is applied over the top to protect from UV. FCM contains an anti-corrosive additive which migrates through concrete providing extra protection. FCM can be used as a flexible coating for the inside of planter boxes.

FEATURES

- ✓ Easy to mix and prepare.
- ✓ Easily applied & repaired by brush.
- ✓ Extremely durable and high bond strength.
- ✓ Can be applied to damp surfaces.
- ✓ Unaffected by water after final set.
- ✓ Excellent tensile strength and elongation.
- ✓ Water based, No solvents.
- ✓ Low vapour transmission.
- ✓ Wide range of applications like ponds and planter boxes.
- ✓ Excellent adhesion.
- ✓ Can be rendered or painted over.
- ✓

TECHNICAL DATA

Specific Gravity (Part A): 1.03 at 25⁰ C
Specific Gravity (Part B): 1.15 at 25⁰ C
pH: 10-11.5 (after mixing Part A and B)
Elongation. 300% after full cure.
Water Absorption: Max. 10% (after full cure)

Finish: Good
Flexibility: Excellent.
Colour - Off White cement

PREPARATION

The surface to be treated should be clean and sound, free of oil, grease, laitance or any material deleterious to the adhesion of the coating system. Must be applied direct to masonry substrate.

Do not apply coating if temperature is below 10°C or above 35°C. Do not apply coating if rain is imminent.

APPLICATION

After placing Part A (Liquid) in a suitable vessel, slowly add Part B (Powder) whilst consistently mixing, to produce a lump free homogenous mixture. Mixing ratio is to add all of part A and all of part B supplied in the kit. 1 kilo of the combined Part A and B will cover approx. 1m² at a thickness of 1mm approximately.

Application by brush, broom, fine textured roller or spray is recommended.

Apply **first coat of Westox FCM** to a pre-moistened surface at the recommended thickness of 1mm, brushing in one direction only.

1. Lay on the membrane with a brush to form uniform consistent 1mm thickness.
2. Apply coating as a membrane, not as a filler. If desired apply second coat as soon as the first coat has set. Overnight drying is preferred. Brush or broom at right angles to the previous application to ensure there are no pin holes. Apply at the same thickness as first coat of 1mm.

CLEAN UP

Wash all equipment with water immediately after use.

PACKAGING

18kg Kit.

SHELF LIFE

6 Months.

SAFETY

Refer to Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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CALOX

TDS54 Rev6 17/02/20

Additive for Cement based mortars to provide water repellency

DESCRIPTION

Westox Calox is a milky white poly functional silane with an extremely low voc providing maximum protection for concrete and masonry surfaces.

USES

Westox Calox is added to the gauging water of various cement based mortars, protecting them against Co₂ penetration, spalling and re-bar corrosion by locking out water and harmful waterborne contaminants. Calox will not discolour or alter the appearance of concrete or cement mortars when used at the recommended addition rates. Calox can also be used to impart water repellency to cement based mortars and screeds to remove the capillary and reduce efflorescence occurring.

APPLICATION

Use at the rate of 1% in the gauging water. i.e. 1 Litre per 100 Litres of water. Use approximately 10½ Litres of the gauging water to a 3 bags sand (48 Litres) 20kg (16 Litres) bag GP cement for a semi-dry tilers screed.

FEATURES

- ✓ Maximum water repellency
- ✓ Alkali Stable
- ✓ UV stable
- ✓ Cost effective
- ✓ Protection barrier against chloride laden water
- ✓ No affect to the curing of cement based mortars.
- ✓ Reduces efflorescence
- ✓ Easy to use as an additive in the gauging water.

TECHNICAL DATA

| | |
|------------------------------|----------------------------------|
| Colour | Milky White |
| Active Ingredient | Silane |
| Components | One |
| Active content | Approximately 50% |
| Density (25 °c) | Approximately 1g/cm ³ |
| Diluent. | Water. |
| Viscosity (ISO cup/3mm/23°c) | 40-55 sec. |

LIMITATIONS

Application should not proceed if rain is imminent.

Not recommended for below grade waterproofing or application where water pressure is from within the wall. Westox Calox will not prevent penetration through unsound or cracked substrates.

CAUTION: This product may permanently mark and stain glass, mirrors, auto paints and powdered coatings, therefore take required action to prevent product from coming into contact with the above materials.

CLEAN UP

Clean all equipment in fresh water immediately after use.

PACKAGING

1 Litre, 5 Litre, 10 Litre & 20 Litre

SHELF LIFE

12 months.

SAFETY

Refer to the Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.



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WET AREA MEMBRANE

TDS59 Rev6 17/02/20

DESCRIPTION

Westox Wet Area Membrane is a butadiene rubber membrane and complies with AS/NZS 4858.

USES

Westox Wet Area Membrane is a liquid applied waterproofing membrane designed for showers, bathrooms and balconies. Wet Area Membrane can be used for flat roof applications provided that there is a coating or covering applied over the top to protect it from UV. For an exposed UV stable roof coating refer to WBA 9000.

FEATURES

- ✓ Easy to apply with brush and roller (single pack)
- ✓ Fast drying-typically touch drying in 1 hour @ 25°C
- ✓ Compatible with most single pack ceramic tile adhesives
- ✓ High water resistance – Low vapour transmission
- ✓ High Elasticity
- ✓ Solvent and plasticiser free, low VOC
- ✓ Resistant to caustic & sodium hypochlorite
- ✓ Non-toxic, non-hazardous

TECHNICAL DATA

| | | |
|---------------------------|--------------------|---|
| Water Absorption | 24 hour submersion | 0 - 6% |
| Tensile Strength | (500mm minute) | 4N/Sq.mm |
| Elongation at break % | 480 | |
| pH | 9.0 to 10.0 | |
| Viscosity | RVT 4/60 | 4000 ± 500 |
| Solids by volume % | 60 | |
| Water Vapour Transmission | (WVT) | 4g / m ² / 24hours@25°C / 75% RH |
| Shore Hardness | 70 | |
| S.G | 1.2kg/litre | |

PREPARATION

Ensure all surfaces to be coated are clean, sound and free of dust. The surface to be coated should be reasonably even so a uniform thickness can be applied. If surface is uneven then a mix of Westox CR-25 sand and cement can be used to even the surface prior to the application of the Wet Area Membrane. To ensure full adhesion to the substrate it is recommended that all surfaces be primed with Westox WB30 Epoxy, allowing a minimum of 4 hours drying before applying the Westox Wet Area Membrane. Consult our Technical Department if you require further advice.

APPLICATION

Apply Wet Area Membrane in two coats at approximately 500ml/600g per m² (600 micron WFT) Allow a minimum of 4 hours and a maximum of 24 hours between coats. The final dry film thickness (DFT) should not be less than 600 microns. Reinforcement with Westox Polymesh is recommended at wall and floor junction. Allow a minimum of 4 days cure prior to carrying out ponding tests or tiling, longer at low temperatures.

For areas where high movement is expected, apply 2 coats at 1 Litre per m² to give a DFT of 1200 microns.

LIMITATIONS

Wet Area Membrane is not suitable for use over expanded Polystyrene. Do not apply at surface or air temperature below 10°C. Do not apply externally if wet weather is imminent.

CLEAN UP Wash all equipment in fresh water immediately after use.

PACKAGING 4 Litre & 15 Litre.

SHELF LIFE 12 months.

SAFETY

Refer to Westlegate Safety Data Sheet (SDS) for instructions.

Multibond SMX35

Revision: 16/03/2019

Page 1 from 3

Technical data

| | |
|------------------------------------|------------------------|
| Basis | SMX Hybrid Polymer |
| Consistency | Stable paste |
| Curing system | Moisture curing |
| Skin formation* (23°C/50% R.H.) | Ca. 10 min |
| Curing speed * (23°C/50% R.H.) | 2 mm/24h → 3 mm/24h |
| Hardness** | 40 ± 5 Shore A |
| Density** | 1,60 g/ml |
| Elastic recovery (ISO 7389)** | > 75 % |
| Maximum allowed distortion | ± 20 % |
| Max. tension (ISO 37)** | 1,50 N/mm ² |
| Elasticity modulus 100% (ISO 37)** | 0,80 N/mm ² |
| Elongation at break (ISO 37)** | 400 % |
| Temperature resistance** | -40 °C → 90 °C |
| Application temperature | 5 °C → 35 °C |

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Multibond SMX35 is a high quality, neutral, elastic, one component adhesive sealant based on SMX Polymer.

- Joints in bathrooms and kitchens.
- Sanitary applications.

Properties

- Good extrudability
- Stays elastic after curing and very sustainable
- Impervious to mould, contains ZnP (biocide with fungicidal action)
- Very low emission, EC1 PLUS R certified
- Excellent adhesion on nearly all surfaces, even if slightly moist.
- Can be painted with water based systems
- No odour.
- Does not contain solvents, isocyanates, acids, halogens and toxic components, completely neutral.
- Good weather and UV resistance

Packaging

Colour: white, grey, concrete grey, black, beige, other colors on request

Packaging: 290 ml cartridge, 600 ml sausage, other packaging on request

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Chemical resistance

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Applications

- Sealing and bonding in the building and construction industry.
- Strong elastic bonding in vibrating constructions.
- Sealing and bonding in the building and construction industry.

Substrates

Substrates: all usual building substrates, concrete, aluminium, treated wood, PVC, plastics

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Porous surfaces in water

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

Multibond SMX35

Revision: 16/03/2019

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loaded applications should be primed with Primer 150. Prepare non-porous surfaces with a Soudal activator or cleaner (see Technical Data Sheet). The surfaces should be degreased before bonding them together. We recommend a preliminary adhesion test on every surface. Multibond SMX35 has an excellent adhesion on most common substrates: all usual building substrates, concrete, aluminium, treated wood, PVC, plastics. Multibond SMX35 has been tested on the following metal surfaces: steel, AlMgSi1, electrolytic galvanised steel, AlCuMg1, flame galvanised steel, AlMg3 and steel ST1403. Multibond SMX35 also has a good adhesion on plastics: polystyrene, polycarbonate (Makrolon®), PVC, ABS, polyamide, PMMA, fiberglass reinforced epoxy, polyester. While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding or sealing. For optimum adhesion the use of Surface Activator is recommended. NOTICE: bonding plastics like PMMA (e.g. Plexi® glass), polycarbonate (e.g. Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates. The use of Multibond SMX35 is not recommended in these applications. Not suitable for PE, PP, PTFE (eg Teflon®), bituminous substrates, copper or copper-containing materials such as bronze and brass. We recommend a preliminary adhesion and compatibility test on every surface.

Joint dimensions

Min. width for bonding: 2 mm

Min. width for joints: 5 mm

Max. width for bonding: 10 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = 2 x joint depth.

Application method

Application method: With manual- or pneumatic caulking gun.

Cleaning: With Fix ALL Cleaner immediately after use.

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- Multibond SMX35 may be overpainted with water based paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.
- The drying time of alkyd resin based paints may increase.
- There is a risk for staining on porous surfaces such as natural stone.
- Multibond SMX35 can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like polycarbonate, etc, may differ from manufacturer to manufacturer, we recommend preliminary compatibility test.
- Multibond SMX35 can not be used as a glazing sealant.
- A total absence of UV can cause a color change of the sealant.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Not suitable for bonding aquariums.
- Do not use in applications where continuous water immersion is possible.
- Multibond SMX35 has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.

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Multibond SMX35

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- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.

Standards and certificates

- Australia: Watermark Level 1 certificate Nr. 23300 (details see report)

Environmental clauses

Leed regulation:

Multibond SMX35 conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

CAVITY TRAYS

DESCRIPTION

Cavity Trays are a preformed cavity flashing manufactured in sizes to suit Australian 270mm cavity walls.

Preformed cavity trays are a fully proven and accepted method of cavity flashing replacement in many countries including the United Kingdom and Europe.

Cavity Trays Australia are manufactured specifically to suit standard Australian cavities, brick and block sizes and are an easy alternative to difficult systems often used to rectify faulty cavity flashings.

USES

Leaks caused by faulty cavity flashings is a common problem in many buildings.

Retrofit cavity trays provide a much easier installation than other systems being used while reducing the time taken for the installation.

It is generally accepted that in either new construction or remedial work using preformed trays can elevate and stabilise build quality.

PREPARATION

Only one course of brick needs to be removed to allow the trays to be slotted into position with the tray forming a pressure seal against the internal skin.



APPLICATION

Each tray interlocks at each end therefore eliminating any onsite fabricating or joint sealing.

SAFETY

Meets Australian Standards AS/NZS 2904:1995 Damp-proof courses and flashings.



STRAIGHT TRAY

Type 1 WCTT1ST
Type 2 WCTT2ST



STOP END

WCTSTOPEND45



EXTERNAL TRAYS

Type 1 Left WCTT1EL
Type 1 Right WCTT1ER
Type 2 Left WCTT2EL
Type 2 Right WCTT2ER



WEEPA

WCTWEEPA



INTERNAL TRAYS

Type 1 Left WCTT1IL
Type 1 Right WCTT1IR
Type 2 Left WCTT2IL
Type 2 Right WCTT2IR

NOTE:

Type 1 Cavity Tray has a 10mm turn down along the front edge of each tray.

Type 2 Cavity Tray is without the turn down when a turn down is not required.

Crack Stitching Bar

Westox Helical Anchoring System



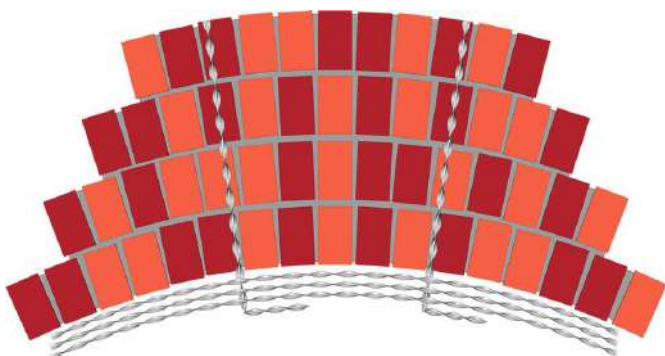
DESCRIPTION

TDS42 Rev7 17/02/20

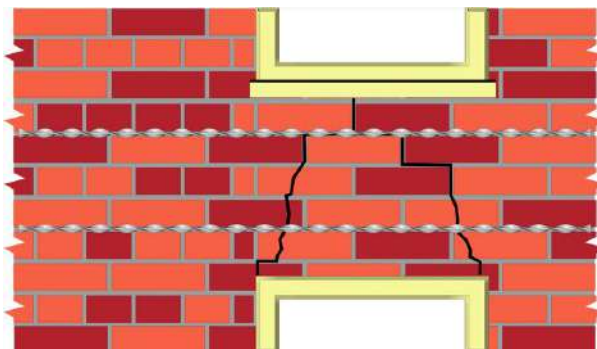
The Westox Crack Stitching Bar offers a permanent fix for cracked brickwork. The bars are an austenitic 316 reinforcing stainless steel rod that has many unique properties. Being rolled from a plain round wire, the fins are work-hardened to a very high level whilst the core remains relatively soft. The subsequent twisting process puts the fins into tension and the core into compression. The tensile strength of the base material is more than doubled during the manufacturing process. The pronounced fins over the core make the bonding characteristics of the Westox Crack Stitching Bar far superior to alternative standard reinforcing materials.

The bar Profile is available in 6mm and 8mm diameters. Length of 100mm up to 10 metres. The material can be supplied in any length and profile to meet the requirements of Structural Engineers and other specifiers.

Uses – The uses of the bars are both wide and varied and they can be utilised in new buildings and for many specialised refurbishment requirements like apartment buildings, historic buildings, bridges and many more.



Arch support and strengthening



Wall cracking

WESTOX

BUILDING PRODUCTS

Crack Stitching Bar

WESTOX CRACK STICKING BAR



Manufactured from austenitic stainless steel 316 supplied in 6 and 8mm diameters and length 1metre or 10 metres.

Applications in remedial situations:

- Unlimited masonry reinforcement and anchorage applications.
- Crack restoration of any type.
- Fixing into all types of stone, brick, hebel materials including concrete.

Applications in new building situations:

- As masonry reinforcement
- As wall connector
- As a cavity wall connector with or without insulation.
- Fixing into all types of stone, brick, hebel materials including concrete.

WESTOX GROUTING MORTAR



Westox Grouting Mortar is a two-component, non-shrinking grouting mortar with a mineral, concrete base. It was specifically developed for a faultless embedding of Westox Crack Stitching Bars into the masonry to complete the system. Available in 5kg and 20kg Kits.

WESTOX CRACK STITCHING BAR APPLICATION



Slot Cutting



Slot Cleaning



Bar Insertion



Finishing



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