

## 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. 12m<sup>2</sup> 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 Westlegate Pty Ltd Safety Data Sheet (SDS) for instructions.



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