

## SAND AND CEMENT M4 MORTAR

TDS113 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.