



PRODUCT TECHNICAL DATA SHEET

TECTORPLAST READY TO USE PLASTER MORTAR

Pre-Packed Plaster Mortar
Class CS III

Product Description

TectorPlast Ready to use Plaster Mortar is made of cement, fine aggregates, organic and inorganic additives suitable for both interior and exterior walls. TectorPlast Ready to use Plaster Mortar is suitable for block walls, concrete surfaces, bricks and general filling up internally and externally

Unique Advantages

TectorPlast Ready to use Plaster Mortar provides the following unique advantages:

- Made from good graded sand for compactness -High Quality Raw materials used
- Silt free & organic content free Sand for good quality
- Same sand source for Consistencies
- Inorganic Additives for enhanced weather resistance and workability
- Low storage space requirement when compared to conventional sand and cement
- Minimal Manpower Requirement During Application as only water needed to be added on site
- Factory Pre-Mixed Sand – Cement Mix Ratio is Consistent and optimized for best results
- Negligible Wastage- due to sand spillage on-site
- Mixing & Application time is very optimized

Application Surface

The application surface must be hard enough in terms of strength and setting time, free from dust, paint, grease and oil. These surfaces can come in the following forms

- Internal walls
- External walls
- Aesthetic walls
- Repair / corrective works
- Internal Floor
- External Floor

Standard

Approval Requirement / Test Method

BS EN 998-1
BS EN 196-1
BS EN 196-3
BS EN 1015-18



Form

Colour

Grey

Packaging

- 20Kg bag
- 75 bags or 100 bags per Palette (i.e.1.5 tons or 2 tons respectively)

Storage

Storage Condition / Shelf-Life

6-12 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +15°C and +35°C. Protect from direct sunlight and humidity.

Technical Data

Density

1.57Kg/L

Water Needed

4 – 5 Litres per 20Kg bag

Laboratory Setting Time

13-17 Hours @ 18-25 °C

Mechanical Properties

| | |
|---|------|
| Compression Strength@28Days N/mm ² | ≥5 |
| Capillary water Absorption Kg/m ² | ≤0.4 |
| Particle Size mm | < 1 |

Application

Coverage

TectorPlast Ready to use Plaster Mortar approximately coverage per 20 kg bag is 1.08-1.20 m² @ 20mm thickness. Coverages depends on quality and nature of substrates.

Substrate Preparation

Clean the substrate and made free from grease and loose particles. Pre-wet the porous and absorbent substrates prior to application of TectorPlast Ready to use Plaster Mortar to prevent premature loss of water from the plaster. This will ensure that thin layer can be applied without cracking problems and proper cement hydration and adherence of the mortar to the substrate is attained.

Mixing & Application

Mix TectorPlast Ready to use Plaster Mortar with approximately 4 to 5 litres of clean water per 20 kg bag until a good consistency plaster is attained. Allow mixture to stand for 2 to 3 minutes for additives to dissolve. Re-mix again for about 2 minutes, then plaster is ready for use. Apply plaster to the substrate, using some pressure while finishing with a steel trowel or wooden float to ensure optimum bonding of the plaster to the substrate surface.



Data Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests and Historical use of TectorPlast Ready to use Plaster Mortar. Actual measured data may vary due to circumstances beyond our control.

Health, Safety &

Environment

Cleaning of Tools

Clean all tools and application equipment with water immediately after use.

Hardened / cured material can only be removed mechanically.

HSE

Use proper engineering controls, work practices, and personal protective equipment to prevent exposure to wet or dry product. The use of basic PPE like hand gloves, nose mask, safety glasses and safety shoes are very important.