

### Description:

STERLING<sup>®</sup> TECHNOPLAST is a polymer modified premixed cement based plaster. It is convenient, easy to use, strong and binds better to its substrate. It provides an even surface on which tiling can be done faster & efficiently.

### Features:

- High Bond Strength
- Crack Free Wall
- Faster Application
- Excellent Coverage
- Easy to use
- Economical
- Premixed

### Application:

For interior and exterior walls

### Suitable for:

- AAC Block/Concrete Block
- Red Clay Bricks
- Cement Mortar Blocks/Bricks
- Concrete Hollow Blocks
- Cellular Concrete Blocks
- Stone Walls
- Fly Ash Bricks

### Packaging:

40kg bag

### Colour:

Greyish Granular Powder

### Shelf life:

STERLING<sup>®</sup> TECHNOPLAST carries a shelf life of 6 months, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline.

### Limitations:

STERLING<sup>®</sup> TECHNOPLAST is not a replacement for waterproof membranes. When a waterproof membrane is required, use a different product for the same.

### Technical Properties:

#### Performance Properties:

Compressive Strength	12.0 MPa
Flexural Strength	1.8 MPa
Pull Off Adhesion Strength	0.3 MPa

#### Working Properties:

Pot Life	1-1.5 Hrs.
Initial/Final Setting	30/600 Mins
Time Water Retentivity	Min. 95%
Dry Density	1700 kg/m <sup>3</sup>

\* Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### Surface Preparation:

The application surface/substrate must be free from loose particles or any other foreign material prior to commencement of work/application of any Sterling Technotrader products. Pre-wet or dampen surface with good quality fresh water, if necessary.

### Mixing:

Pour a bag of STERLING<sup>®</sup> TECHNOPLAST in 7-8 litres of water in clean bucket and not vice-versa. Mix continuously by hand or using an electrical stirrer for 4- 5 minutes to obtain a homogenous lump-free paste. Leave the mix to stand for 2-3 minutes and remix the plaster before use. Use the mixture within 60-90 minutes of preparation.

### Application

Apply the plaster to surface using a steel trowel or wooden float to ensure optimum bonding. The thickness of each coat should not exceed 12 mm.

## Health and Safety instructions:

During cold weather, protect finished work from use until fully cured. Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water at least for 15 minutes and seek medical help if burning continues. Do not take internally. Silica Sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas. Keep out of reach of children.

\*Further protection: emergency showers and eyewash stations. Get immediate medical attention as needed.

Product only for professional use.

## Additional information

Techno Builders Solutions® By Sterling Technotrade India Pvt.Ltd -The Specialist Construction Chemicals Company® range of associated products includes high performance concrete Admixtures, Adhesives, Protective Coatings, Concrete Repairs, Industrial Flooring, Grouts & Anchors, Joint Sealants, Surface Treatments, curing compounds, repair mortars, release agents, Grinding Aids & Waterproofing.

\*Separate datasheet are available on these products.

**DISCLAIMER:** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

Please note that this datasheet supersedes all previous versions.

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