

Cement based water resistant polymer modified curing free ready mix plaster.



AREAS OF APPLICATION

- RED BRICKS
- CONCRETE BRICKS
- AAC
- MIVAN
- PLASTER SURFACE
- CEILING
- PROTECTING COAT ON WATERPROOFING COATING



KEY FEATURE



Non-sagging for higher thickness applications.



Ready to use, only addition of water is required at site.



Reduced shrinkage cracks.



Low Water Permeability & Enhanced Durability.



Less rebound losses leading to minimum wastage.



Uniform and smooth finish.



Better adhesion to substrate.

PROPERTIES

- Appearance - Grey powder
- W/P RATIO - 7-8 Ltr for 40 kg bag
- Pot Life - 60 Min
- Compressive strength - > 6 N/mm²
- Dry adhesion to Substrate - Min 0.3 N/mm²

SURFACE PREPARATION

- The substrate should be free of dust, loose particles, oil, grease, paint, and other such contamination which may affect the bonding. Cleaning can be carried out by suitable methods like wire brush, water jetting, mopping etc. If the surface is porous and absorbent substrate, it should be moistened with potable water.

MIXING

- For best results a mechanically powered mixer should be used to achieve a good consistency. The selected water content should be accurately measured and poured into the mixer. The total content of the bag should be slowly added and continuous mixing should take place for 5 minutes. Re-mix again about 2 mins before application.

APPLICATION

- Repair all cracks, holes and masonry joint by **UNION KRACK SEAL** with the help of a putty knife.
- Apply the mixed plaster uniformly on the substrate using a steel trowel.
- The plaster can then be levelled to a desired finish using masonry tools like straight edge and masonry bob. Different finish can be achieved using steel trowel, wooden float or sponge as per finish required.
- If 2nd coat is required, ensure the first coat shall be roughened to provide good grip for 2nd coat. Saturate the 1st coat prior to the application.
- To avoid undulations on plastered surface, apply mortar patch before the wall is plastered on perimeter of wall for levelling.

PACKING

- **UNION SCREED PL** is supplied in 40 kg bag.

COVERAGE

- The approximate coverage per kg at even consistency is as follows:
- 5 mm on smooth surface is 1-1.5 sq. ft. & it differs depending on finish of the wall.

CLEANING

UNION SCREED PL should be removed from tools, equipment, and mixers with clean water immediately after use. Cured material can only be removed mechanically.

LIMITATIONS

The product should not be used when the temperature is below 5°C and falling. The product should not be exposed to running water on the application area during application. Exposure to heavy rainfall prior to final set may result in surface scour. When the air or contact surface temperatures are 5°C or below on a falling thermometer, warm water (30°C to 40°C) is recommended to accelerate strength development. Normal precautions for winter working with cementitious materials should then be adopted, specifically protecting the mortar from freezing in the first 48 hours after placing. Do not add any additional substance, like cement, sand etc. or extra water to alter pot life of the mix. These may adversely affect the performance of the product.

STORAGE CONDITIONS

- **UN1ON SCREED PL** has a shelf life of 6 months when stored in covered dry shed and in sealed bags.
- If stored in high temperature and high humidity locations, the shelf life may be reduced.

HEALTH & SAFETY PRECAUTIONS

- Cementitious mortars & slurries modified with **UN1ON SCREED PL** when mixed or when become damp, may release alkali which can be harmful to skin & eye.
- Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment during application.
- In case of contact with skin, rinse with plenty of clean water and then cleanse with soap water.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

NOTE :

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