

Teknolutex 600

Concrete Admixture



Product Description

Polymer Based, Waterproofing and Bonding Admixture

Areas of Usage

- In inner areas for vertical and horizontal applications.
- In mortars, plasters, and grouts.
- As adherence admixture in mortars prepared for repairs.
- Priming porous surfaces prior to the application of tile adhesives and leveling screeds.
- Priming and sealing the surface of plaster walls.
- As additive to increase water resistance of inner and outer plasters of concrete silos, water tanks, pools and purification plants,
- As preventive against giving off dust and split.
- Can be used at preparing sprinkling mortar to increase adherence before application of mortar and ceramics on even concrete surfaces.
- In shake plaster preparation.

Features and Benefits

- Prevents the forming of capillary cracks.
- Regulates the porosity of surfaces prior to the application of adhesive or leveling compound.
- Can also be used together with other admixtures.
- Does not contain chlorides or other ingredients promoting corrosion of steel reinforcement.
- Enables excellent adherence and impermeability.
- Reduces the formation of pinholes in the leveling layer.
- Gives greater resistance to water permeability and freeze-thaw cycles.
- Reduces shrinkage.
- Improved chemical resistance

Application Instructions

Substrate Quality: All surfaces should be clean, sound and free from oil, grease, cement laitance and all loosely adhering particles. Absorbent surfaces should be saturated thoroughly. But there must not be any free water left on the surface.

Admixture for Mortars: Consumption is arranged according to amount of water in mortar prepared. Rate of TEKNOLATEX 600/water is ranged between 1/2 and 1/4. Mortar at consistency of plastic is obtained by mixing prepared liquid and powder mixture prepared before. After 24 hours you can walk on cement based grouts prepared by TEKNOLATEX 600 admixture. Final strength of TEKNOLATEX 600 added mortars is gained in +20°C after 28 days.

Admixture for Plasters: Consumption is arranged as to amount of water in mortar prepared. Rate of TEKNOLATEX 600 /water is ranged between 1/10 and 1/20. Trowel consistency mortar is obtained by mixing prepared liquid and prepared powder mixture. Surfaces should be wet before application, and TEKNOLATEX 600 solid mortar should be applied on moist surfaces. But there must not be any free water left on the surface.

Using As Primer: Mix water and TEKNOLATEX 600 according to rate of TEKNOLATEX 600 /water is 1/4 or 1/8. Apply it to floors with the help of roll or brush. Fresh concrete has to be placed on that primed surface before it dries. The primer solution should be spread evenly over the prepared floor surface using a soft brush or spray, avoiding ponding, and allow to become touch dry.

Substrate and Ambient Condition: +5°C - +35°C

Cleaning of Tools: Clean all tools and application equipment with TeknoThinner immediately after use. Hardened/cured material can only be mechanically removed.

Packaging: 30 kgs Plactic Bucket, 1 tons IBC.

Shelf Life: 12 months from the production date in dry and moisturefree ambient. Package should be kept tightly closed when not in use. Packages should be protected against frost.

Application Notes/ Restrictions

- Foreign material should not be added.
- Do not apply under the rain.

Technical Data

Type	Liquid,
Color	White
Density	1,03 ± 0,03 kg/lt.
Application Temperature	Between +5 °C and +35°C degrees
Touch Dry Time	45-60 min.

*All these technical data are approximate values that are obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20 (±2) air temperature and %50 relative humidity and valid for its performance after 28 days.