

SILOX-TOP COAT 301

Water base cement putty for smoothing plasters

Description

SILOX TOP COAT is a premium Cementous wall putty specially developed from selective polymeric additives that react with high grade cement to be used as a top coat to cover unevenness and pinholes in concrete surfaces to make the walls / ceilings ready for painting. It is suitable for both interior and exterior applications.

Uses

- Internal & external walls & ceiling
- Concrete blocks, panels and precast elements
- Residential & commercial buildings
- Public infrastructure projects
- Suitable for all industrial facility

Benefits & Advantages

- Easily applied by trowelling, scraper or putty knife
- Good resistance to weather conditions
- One component, requires only addition of water
- Provides good workability, tensile adhesion strength is improved
- Durable smooth surface



Technical Data

Product appearance	Grey-white powder
Fresh wet density	1.7 ± 0.1 g/cm ³
Bond strength	≥ 0.5 MPa @ 28 days ASTM D4541
Compressive strength	≥ 10 MPa @ 28 days ASTM C109
Water to powder ratio	0.30-0.38
Pot life time	45-60 min depends on weather conditions
Final setting time	8-9 hrs.
Coverage/Rate	1.5 – 2 Kg / coat, Acc. to surface roughness



Surface Preparation

- Ensure that the surface is sound, clean and free from any other material such as oil, grease, dust that cause a negative impact to the properties of putty
- Avoid applying putty on hot surface. First, let cool the surface with water spray or using wet sponge – wet brush. Hot surface affect final performance of wall putty



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Method of use

Mix clean water according to water/powder ratio as mentioned suggested between 6- 8 kg per bag of silox top coat till uniform paste consistency free from lumps is achieved according to application required using mechanical mixer for 3 min continuously then 2 min rest then 1 min more mixing before use, don't add water to powder weight the water first then add the powder gradually during mixing. Always cover the bucket during using the paste to avoid direct sun and air effect to the putty.

Coverage rate

1.5- 2.0 kg/m²/1mm coat depends on the surface roughness and pores area, cavity.

Packaging

Silox top coat is supplied in 25 kg paper bag.

Storage and Shelf Life

The product has a shelf life of 12 months from production date provided it is covered under cool and dry place elevated above ground surface min 25 cm. Avoid exposed to the direct sun light.

Health & Safety

The product is not hazarding classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of fresh water. The product is nonflammable. Keep using safe tools during mixing and also application.



Cleaning

In case of spillage, wash it with clean water.

