

TECHFIN PLASTER FINISH

Single Component Polymer Modified Faring Coat
Cosmetic Mortar For Concrete Surfaces

Techfin Plaster Finish is a single component acrylic polymer modified repair mortar for use as a fairing compound or cosmetic coat mortar. When mixed with water, as directed, a fine grey trowelable mortar results which can readily be applied to fill in pores, blowholes and blemishes on a concrete surface. Techfin Plaster Finish may also be used as a skim coat prior to application of protective coatings. It is specially formulated to produce a shrinkage compensating mortar with no cracking when applied in a thin section. Adhesion to concrete and flexibility are excellent.

BENEFITS:



Precision made for consistent results.



Requires only water addition for easy application.



Shrinkage compensating.



Smooth, easily produced finish.



Low permeability. Excellent resistance to freeze / thaw action and carbonation.



Subsequent paint coats can be applied with great economy.

TECHNICAL DETAILS

Appearance	Fine cementitious powder
Application	Trowel
Mix Ratio	7 L Water / Bag
S.G.	1.7
Yield	16 L
Pot Life	20 minutes
Coverage	16 m ²
Thickness	1 mm
Application Temperature	5 - 30 °C
Cure Time	60 min @ 20 °C
Compressive Strength	25 MPa
Shelf Life	12 Months
Storage	Cool dry, on pallets, no direct sunlight
PACKAGING	
Techfin Plaster Finish is supplied in 25 kg polywoven bags with lining	

APPLICATIONS

- As a fairing or skim coat to cover and make good blemishes in concrete surfaces such as slight honeycombing, blowholes, defects caused by "sand runs", patch repairs, shutter movement and grout loss.
- Preparatory treatment to concrete to receive a thin film protective coating.
- To produce a uniform surface over repaired areas.

DIRECTIONS

The substrate must be sound, firm, clean and free from oil, grease and loose particles, laitance, old layers of paint or other contaminants. Chemical and steam degreasing may be required in severe cases. The substrate should be roughened to provide a sufficient key for bonding by scarification or shot-blasting. Pull off tests may be employed to assess the bond strength.

BONDING / PRIMING

Priming is not required, but absorbent surfaces such as plaster or concrete must be thoroughly pre-wetted with clean water. Ensure that there is no free water on the surface prior to application.

MIXING

Mixing should be performed with use of a suitable mechanical mixer for large volumes of product. Smaller batches may be mixed with a slow speed drill fitted with a suitable paddle. Pour the measured amount of clean water into the mixer and gradually add the Techfin Plaster Finish to the water while mixing. Mix for 3 - 5 minutes until a smooth homogenous mixture is obtained. Temperature may also affect consistency, the amount of water may be adjusted accordingly but should not exceed the recommended amount prescribed.

APPLICATION

The mixed Techfin Plaster Finish should be applied by trowel method in as few applications as possible. The product can be applied at a maximum of 3 mm down to a feather edge. The coating must be allowed to set sufficiently before final profiling. Slight wetting can aid a smoother finish. The product does not require any curing agents.

SPECIFICATION CLAUSE

TECHFIN PLASTER FINISH

Polymer-modified, fiber-reinforced cementitious fairing mortar / compound for filling blowholes and as a thin skin fairing coat on non-trafficable surfaces.

The fairing mortar compound will be Techfin Plaster Finish, a single component, polymer modified, fiber-reinforced, chloride free compound applied in accordance with recommendations of Technical Finishes, Techfin Construction Products.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.