

HighBuild FF2

Single component, polymer modified cementitious smooth finishes coat and repair mortar

Product Description

HighBuild FF2 is cement based repair mortar, thin aggregate and chemicals generate high adherence and strength as a finishing plaster. For applications from minimum 0,2 mm to maximum 5mm thickness.

Areas of Application

- For fair face concrete repair.
- As a smooth plaster surface.
- As a skim coat for pin holes and minor honeycombed concrete repair.
- Repairing and plastering of exposed concrete surfaces
- As pore sealer and leveling mortar.
- Filling and plastering of the cracks and hollows in prefabricated concrete elements.
- Leveling of slab floor before the final coating.
- Repairing and plastering of walls and ceilings
- To produce a uniform surface for subsequent paint finish.
- Repairing of holes and capillary shrinkage cracks over surfaces.



Advantages

- Shrinkage controlled polymer modified cementitious repair mortar which reduce any potential cracking.
- Easy to apply, single component which require only addition of water.
- Excellent adhesion to concrete.
- Compatible with other types of protective coatings.
- Can be applied to feather edge thicknesses.
- Suitable for internal and external applications.
- Cost effective, hand applied no formwork is required.
- Concrete roads.

Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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Standards

HighBuild FF2 complies with ASTM C387

Technical Data

Property	
Working life @ 25 °C:	30 minutes
Setting time @ 25 °C:	70-80 minutes
Color:	Grey & White
Coefficient of thermal expansion:	6.5 to 12×10 ⁻⁶ m/m °C

Method of use

- All surfaces should be clean, sound and uncontaminated prior to the application of HighBuild FF2.
- The prepared area should be cleaned thoroughly by brush and/ or compressed air.
- The prepared area should be soaked with water immediately prior to the application of HighBuild FF2.

Mixing

- To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. However for small quantities, HighBuild FF2 can be hand mixed using proper tools and bucket.
- For one full bag, 6-8 liter of fresh water should be added to a clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400-600pm).

Curing

Curing is not normally required for HighBuild FF2 however, curing using wet hessian and polyethylene is recommended in harsh weather conditions such as high wind and high temperatures.

Packaging

HighBuild FF2 is available in 20Kg & 25Kg bags.

Storage

HighBuild FF2 has a shelf life of 24 months from date of manufacture if stored at temperature between 3 °C and 52 °C .

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