

HighBuild Plaster20

Special cement based, highly effective inner and exterior surface plaster

Product Description

HighBuild Plaster20 is a single component, special cement-based, highly effective inner and exterior surface plaster which consists of environmentally friendly additives and aggregates with special granulometry that can be applied by hand or plastering machine. Suitable for vertical and overhead application and it is offered for applications from 2 mm to 20 mm.

Areas of Application

- It is used as sub and final plaster on interior and exterior surfaces on walls or ceilings and on gas concrete surfaces.
- Ports and marine structures.
- Concrete bridges, columns, concrete walls and brick.
- Repairing of corners and edges.
- For the repair of vertical and overhead elements.
- Water flushes and below ground levels.



Advantages

- Shrinkage controlled polymer modified structural plaster and repair mortar.
- Single component, easy to apply.
- Extremely low permeability to water, providing excellent protection to steel reinforcements and host concrete.
- Thixotropic properties allowing extra high build for vertical and overhead applications.
- Suitable for internal and external applications.
- Cost effective, hand applied no formwork is required.

Thicknesses and size limitations:

HighBuild Plaster20 can be applied in single applications for sections up to 20 mm.

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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Method of use

Surface preparation

- All damaged and weak concrete should be cut back to reach sound concrete and / or to a minimum depth of at least 10mm.
- Corroded steel reinforcement should be blasted to remove all rust traces.
- Remove all concrete from around exposed steel reinforcements by 10mm thickness.
- The prepared area should be cleaned thoroughly by brush and /or compressed air.

Technical Data

Properties	
Color	Grey or white powder
Density	Approx. 1,6 kg/l (Dust)
Compressive strength to	CSIV
Pot life	Approx. 120 min.
Capillary Water Absorption	Class W1
Consumption	Is variable depending on surface conditions; 1 mm thickness of about 1.6 kg / m ² powder material used.
Bonding Strength	≥ 0,5 N/mm ² (For 28 Day)
Flexural strength BS 6319 pt.3	≥ 2 N/mm ² (For 28 Day)

Curing

As HighBuild Plaster20 is a cementitious based material, it should be cured in a similar method to concrete.

Packing

HighBuild Plaster20 is available in 25 Kg bags.

Standards

It complies with EN 998-1/ General Purpose Coarse and Fine Plaster- Class Gp

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Storage

HighBuild Plaster20 has shelf life is approximately 12 months. Products should be stored in a cool and dry environment provided that maximum 6 bags will be put on top of each other.

Fire

HighBuild Plaster20 is nonflammable.

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