

HARDOSTUK W53

Ready to use Polymer Modified Premixed Decorative Plaster



DESCRIPTION

HardoStuk W53 is a premium, factory manufactured, cement-based, polymer-modified, decorative plaster. It is manufactured from specially selected cements, graded aggregates, polymers and other proprietary additives. HardoStuk W53 is usually applied to a level plastered surface, in a thickness of 4 to 6 mm. It is available in a range of colours, creating a durable, long life, decorative surface for both exterior and interior applications.

ADVANTAGES

- **Durable, long life finish**
- **Low maintenance**
- **Excellent adhesion**
- **Resists mechanical damage**
- **Economical**
- **Different finish options possible**

PROPERTIES

Appearance	Dry Granular Powder
Colour	Customized as per client demand
Thinner	Water
Layer thickness	4 mm to 6 mm
Coverage	3.0 – 3.5 m²/Bag for 6 mm thickness. Coverage will vary depending upon surface porosity, weather & temperature, application method etc.
Application	Trowel
Packaging	25 Kg Bags
Shelf Life	1 year

USES

HardoStuk W53 is intended for use as a decorative, low-cost, low-maintenance wall finish for all structures such as,

- **Warehouses**
- **Factories**
- **Commercial Buildings**
- **Homes**

- **High rise apartments**
- **Educational facilities**
- **Hospitals**
- **Government buildings**

APPLICATION INSTRUCTIONS

Surface Preparation

All surfaces must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks and damaged areas with an appropriate patching material. Painted or glossy surfaces should be sandblasted to expose cementitious substrate. Just before application, dampen all surfaces that are to receive the HardoStuk W53 with clean, potable water.

MIXING

- Add required quantity of water, approx. 08 liters per bag, to an appropriate mixing bucket or drum.
- Slowly add HardoStuk W53 while mixing with a slow speed drill fitted with an appropriate mixing blade.
- Mix for a minimum of 5 to 6 minutes, to obtain a thick paste.
- Allow the material to settle for about 5 minutes and then mix again for around 3 minutes. A small quantity of additional water may be added to reach the desired consistency for the intended application.

Application Procedure

- HardoStuk W53 is applied in a single layer.
- Using a trowel apply the HardoStuk W53 to the properly prepared surface. Screed and level to a uniform thickness.
- Wait for a few minutes and then the surface may be finished with a steel trowel.
- A foam sponge may optionally be used to obtain a textured look.

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CURING

HardoStuk W53 is self curing and does not require water curing or use of curing compounds except for very hot and dry climatic conditions. Drying should occur within 24 hours at an ambient temperature of more than 20°C. In case of very hot, dry, or windy conditions, protection should be provided. All freshly applied material must be protected from rain. Full curing strength typically occurs in approximately 28 days.

WATCH POINTS

1. DO NOT apply product when the ambient and surface temperature is below 5°C.
2. DO NOT add any more water than required.
3. DO NOT over saturate the wall during preparation and/or wet curing.
4. DO NOT use water when troweling.

Equipment cleaning

Immediately, after use, all application equipment should be cleaned thoroughly with fresh water.