



One-component, Polymer-modified, Medium Texture, Decorative Finish Plaster

Description

Deco Groove is a cement-based, polymer-modified Decorative finish plaster, supplied as a ready to use blend of dry powders, which requires only the addition of clean water. **Deco Groove** is suitable for overhead application by hand troweling or spraying at thicknesses up to 2.5 mm and is available in a wide range of colors.

Uses

- External and internal building facades.
- As a finish coat for EIFS / ETICS systems.
- On plaster and concrete surfaces.
- On overhead surfaces.
- Decorative European effects such as Mexican, Spanish, Antique, and Textured.

Characteristics / Advantages

- Factory controlled pre-blended dry mix which requires only addition of water.
- Durable and long-lasting, weather resistance.
- Suitable for both interior and exterior application
- Excellent adhesion properties.
- Good workability characteristics
- Easy and fast application.
- Abrasion resistance

Standard Compliance

- EN 998-1: Class CR, Type CS IV

Typical Properties

Color	: Wide variety of colors
Appearance	: Powder
Maximum Aggregate Size	: 2.5 mm
Mixed Density (@25 °C)	: 1.70 g/ml
Compressive Strength (BS EN 1015-11) @ 28 days	: ≥ 7 MPa
Flexural Strength (BS EN 1015-11) @ 28 days	: ≥ 2 MPa
Pull-off Strength (BS EN 1015-11) @ 28 days	: ≥ 0.5 MPa
Fire Classification (EN 13501-1)	: Non-flammable; Class A1
Yield	: 15 Liters

Technical information corresponds to the data, were obtained at 23 °C (±2 °C) temperature and 50+5% relative humidity.

Application Instructions

1. Substrate Temperature

+5°C to +40°C

2. Preparation

Concrete should be sound and clear from dust, loose material, curing compounds, oils, etc. any de-laminated, and deteriorated concrete should be removed by suitable means.

Prior to application thoroughly saturate the surface to provide a saturated surface dry condition. Poor quality concrete may require soaking for a significant length of time. Any surface water should be removed using an oil free compressed air jet.



3. Mixing

Deco Groove requires 5.5 liters of potable water per 25 kg bag, depending on the desired consistency.

For optimum results, mixing should be performed using a forced-action high-shear mixing paddle powered by a heavy-duty electric mixing drill.

Add the pre-measured amount of water to a clean mixing bucket.

Add the Deco Groove powder slowly to the water whilst mixing and mix continuously for 3 - 4 minutes until a smooth, homogenous, lumps-free consistency is achieved.

Allow this mixture to stand for 3 - 5 minutes and then re-mix for another 1 - 2 minutes prior to use.

Do not add additional water to the mix.

4. Application

Deco Groove is applied by means of metallic trowel or other similar appropriate tool such as spray gun, depending on the type of application. The aerated concrete bricks must be compact clean without oil, grease or any substance which may compromise the adhesion of Deco Groove on them. It can be applied at 2 – 3 mm thickness.

5. Consumption & Coverage

Deco Groove	Yield	Consumption	Coverage
25 kg	~18 liters	1.5 -1.6 kg/m ² /mm	17.5 - 18 m ² /Kg at 1 mm thickness

The above is based on theoretical calculation, actual consumption & coverage may vary due to substrate profile, site condition and wastage rate.

6. Cleaning

Tools should be cleaned immediately with clean water. Hardened material should be removed mechanically.

Packaging

Deco Groove is supplied in 25 kg bags.

Shelf Life and Storage

Deco Groove has a shelf life of 12 months when stored in its original unopened packing in cool and dry conditions, protected from direct sunlight, heat and moisture.

Shelf life may reduce if the recommended storage conditions are not followed.

Safety Instructions

Like any cementitious product, Deco Groove contains hydraulic cement and may cause irritation to skin or eyes. For further information Refer to the Material Safety Data Sheet.

Disclaimer

Manaseer Industrial Complex has the right to amend its datasheets anytime. Please make sure to have the latest published datasheet version.

This Product is Environmentally Friendly

Manaseer Industrial Complex Is a Member of US Green Building

