

Product Data Sheet  
Edition 02.2022  
Identification No. DC - 27



## Prostone plaster

Natural Lime Stone Veneer Plaster

### Description

It is a naturally beautiful limestone veneer plaster. It is a blown or troweled onto indoor or outdoor vertical or horizontal applications. It provides a real stone finish and it can be colored (12 colors).

### Where to use

- Decorative plaster look like quarried stone or other stone finishes.
- Finishing of EPS foam shapes and panels.
- Poured in place or cast counter tops.
- Crating cast elements using EPS, rubber.

### Advantages

- Life time.
- Resistant to moisture and mold.
- Non combustible.
- Durable.
- Green material.
- Easy to apply.

### Properties

Specific Gravity	2 - 2.5
Min. curing time	12 hours
Full curing time	28 days
Compressive strength	15 - 30 N/mm <sup>2</sup> after 28 days
Flexural strength	5 - 7 N/mm <sup>2</sup> after 28 days
Tensile strength	3 - 4 N/mm <sup>2</sup> after 28 days
Bond strength	2 - 2.5N/mm <sup>2</sup> after 28 days
Abrasion	Resistant
Water resistance	Resistant
Water vapor transmission	19 gm/m <sup>2</sup> /day
Flame spread and developed smoke	None

It complies with ASTM C-109, C-348, C-190, C-1028, D-870-02, E-96, E-136-04, E84-07

### How to use

#### Surface preparation:

- The surface must be stable, dust and dirt free.
- Any cracks should be scratched open with V shape tool blade and repaired with
- Smooth surfaces should be prepared with bonding agent (**PROPLASTER**).
- Highly absorbent surfaces should be wetted.

#### Mixing:

- Add potable water in a clean plastic bucket (5.0 - 5.5 L).
- Add pigment to the water **OR** apply pigment as desired after approx. 1 hr. (For colored version).
- Add 30 kg sack of material gradually using low speed mixer.
- Mixing time 10 - 15 min.
- Remix for 2 min. before use.
- Fibers and other special liquid admix. can be used.

#### Application:

- Two coats are required to achieve 1 cm thick when using a trowel.
- Apply first coat at 0.5 cm thick with a trowel.
- Apply second coat with less trowel pressure within 1hr.
- In case of spraying, pump mix to spray gun and apply directly to surface.
- Carving by a carving tool to design required (up to 24 hrs.)
- Final set and curing 24 hrs.
- Fiber mesh can be applied for adhesion purposes.

#### Limitation:

- Moving cracks should not be covered by the product..
- Do not apply in rain or hot weather >35 °C.
- For UV and extreme climate (rain, humidity) a water repellent sealer to be used as (**KLEER G/WB, SEALER LH**).
- Do not apply to asphalt, acrylic, wood, PVC and metals directly.

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**Cleaning:**

Tools and application equipment should be cleaned with clean water or mechanically if dried.

**Theoretical Coverage:**

20 - 25 kg/m<sup>2</sup>/1 cm thick

**Packaging:**

30 kg sacks

**Shelf life & Storage:**

One year in its closed sacks, stored in appropriate conditions.

**Health and Safety**

- Use goggles gloves and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleanser, soap and water.
- Eye splashes to be removed with plenty of running water.

**Additional Information**

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