

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
Where to use	- Decorative plaster looks like quarried stone other stone finishes. - Finishing of EPS foam shapes and panels. - Poured in place or cast counter tops. - Crating cast elements using EPS, rubber.
Advantages	- Long life span - Resistant to moisture and mold - Noncombustible - Durable - Economically friendly - Decorative aesthetics - 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 ² after 28 days
Flexural strength	5 - 7 N/mm ² after 28 days
Tensile strength	3 - 4 N/mm ² after 28 days
Bond strength	2 - 2.5 N/mm ² after 28 days
Abrasion	Resistant
Water resistance	Resistant
Water vapor transmission	19 gm/m ² /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	
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 Kemrepair - Smooth surfaces should be prepared with bonding agent Proplaster - Highly absorbent surfaces should be wetted.
Mixing	- Add potable water in a clean plastic bucket (5.5 - 6 L). - Add pigment to the water OR apply pigment as desired after approx. 1 hr. (For colored version) - Add 25 Kg sack of material gradually using low speed mixer. - Mixing time 10 - 15 min. - Remix for 2 minutes before use. - Fibers and other special liquid admixtures can be used.
Application	- Two coats are required to achieve 1 cm thick when using a trowel. - Apply first layer at 0.5 cm thick with a trowel. - Apply second layer with less trowel pressure within 1 hr. - In case of spraying, pump mix to spray gun and apply directly to surface. - Carving by a carving tool to the required design (up to 24 hrs.) - Final set and curing 24 hrs. - Fiber mesh can be applied to enhance adhesion.
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, and metals directly.
Cleaning	Tools and application equipment should be cleaned with clean water or mechanically if dried.
Theoretical Coverage	20 - 25 Kg/m ² /1 cm thick
Packaging	25 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	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction, PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.