Sealer ST 200
TECHNICAL DATA SHEET

GAC
GULF ARAB CRETE

Solvent Based Protective Sealer With High Performance

Range of Use

Sealer ST 200 is used for treatment of porous and absorbent mineral building materials such as exposed reinforced concrete structures, suitable for new and existing floors, masonry surfaces, natural stones, interlocks, decorative plasters and especially for Stamped & Cementitious terrazzo floorings .

Property Profile

Sealer ST 200 is a special acrylic based sealing agent having excellent color, and alkali stability. It dries clearly and has no emission of pollutants thus an environmentally correct product. It has high glossy performance and suitable for high alkaline substrates. Sealer ST 200 is non staining and minimizes efflorescence. Resistance to dirts, stains(coffee),detergent and soap.

Working Instructions

Apply Sealer ST 200 undiluted with spray diffuser up to the saturation of the substrate. Smaller surfaces are treated by painting with a soft whitewash brush or a flat bristle brush. For high absorbent surfaces two or even three coats application is required. It is advisable to carry out test on small area. This is also an opportunity for checking the product's efficacy.

Substrate

The substrate must be in thoroughly cleaned. Structural defects such as cracks, defective connections and the causes of rising damp must be corrected. It must be ensured that water and salts dissolved in the water cannot penetrate behind the hydrophobized zone since this can lead to frost damage, spalling and salt burst.
A Film treatment fixes the state of the substrate as it is at time of impregnation. Before hydrophobic impregnation is carried out, the capillaries and pores of the building material to be treated.

Packing & Shelf Life

Packaging	5L,18L Pails & 180L Drum
Shelf-life	In dry and cool place originally closed packing, away from direct sun and frost 12 months. Exposure to direct sunlight should be avoided.

Tools & Cleaning

Spray machine, roller, brush can be easily cleaned with Thinner. Soak the brush or roller inside Thinner between the application intervals.

Coverage

The quantity of sealer agent required for calculation and tender should be determined on a sufficiently large (1-2 m2) trial area. The effectiveness of the sealer measures should also be tested on this surface Apply Sealer ST 200 undiluted with spray diffuser up to the saturation of the substrate. Smaller surfaces are treated by painting with a soft white wash brush or a flat bristle brush. For high absorbent surfaces two application is required .The beading effect starts to develop within a couple of minutes.

Application

Light weight concrete : at least 0.2 l/m2 Natura concrete structures : at least 0.15 l/m2(two coat application recommended. Cementitious terrazzo floor: at least 0.15l/m2.
The quantity of impregnation agent required for calculation and tender should be determined on a sufficiently large (1-2 m2) trial area. The effectiveness of the impregnation measures should also be tested on this surface.
Coverage measures can be primarily carried out at temperatures between +10°C and +35°C. Strong heating of the surfaces through sunlight can be avoided by using awnings. At temperatures below +10°C, evaporation of water (carrier agent) can be delayed.

Warning

Do not apply Sealer ST 200 on damp surface substrates and the level of humidity is higher than 85%.
It is always recommended to try the material before using it on commercial scale application to identify various aspects and performance related details

Safety, ecology and disposal

Avoid contact clothing, and goggles with skin and eyes. Use protective gloves, For more information, please refer to Product Safety Information Form. (MSDS)

Our recommendations concerning the technical application of the product, whether through oral or written communication or through demonstration, are given to the best of our current knowledge; however, any such instruction shall be without commitment, including where any protective rights of third parties are involved. They do not free you of the obligation to check the products supplied by us for their suitability for the procedures and applications envisaged. The (intended) use and application of the products are beyond our control. They are therefore your personal responsibility. In the event that GAC proves liable, such liability shall be limited in all cases of damage to a sum not exceeding the actual value of the goods supplied by us and used by you. It goes without saying that we guarantee the good quality of our products, in accordance with the standards set out in our General Terms of Sale and Delivery.

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Characteristic Data

Base	Special Acrylic Resin
Solvent	Yes
Consistency	Liquid
Density	0.78 Kg/l
Color	Clear, Liquid
Application	Spray and Brush
Coat	One or Two Coat
Surface Drying Time	1-2 hour
Resistance to UV and Weather	Good
Alkali and Scratch Resistance	Good

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