

SEALGUARD CEMENTITIOUS WATERPROOFING

DESCRIPTION:

SealGuard Cementitious waterproofing is a two component polymer modified cementitious, flexible waterproofing for internal and external applications.

Product Features:

- Waterproof, suitable for water retaining structure and basements.
- Breathable, water vapor permeable.
- Durable, excellent resistance to UV attack.
- Excellent protection against carbon dioxide, chloride ions and water.
- Non-toxic, suitable for drinking water.
- Cost effective, quick and easy brush or spray application.
- Suitable for internal and external applications.
- For waterproofing of water retaining structures and reservoirs.
- For waterproofing of wet areas such as bathrooms and kitchens.
- To provide protection for concrete substrates and masonry against carbon dioxide, chloride ions, water and de-icing salts.

Paint Type	Product Type	Finishing	Colour	Pack Size
modified co-polimer	Interior Exterior	Matt	Gray color	kg SET

Recommended Substrate

Concrete Wall, Gypsum Partition, Ceiling boards, Plaster and so on

Technical Data

Mixed density:	1.8g/cm ³
Working time:	45mins
Tension strength:	>2.0 MPa @ 7 days
BS 6319,	>2.5 MPa @ 28 days
Bond strength:	>1.5 MPa @ 7 days
ASTM D4541-02	>2.0 MPa @ 28 days
Flexural strength:	>4.0 MPa @ 7 days
BS 6319,	>5.0 MPa @ 28 days
Mixing ratio:	5kg Part A with 20kg Part B

Application Method

can be applied by brush or spray. The mixed material should be brushed well into the surface. Strike off with the brush in one direction. Care must be taken not to spread the material too thin. When the material begins to drag, do not add any water, but dampen the surface again. Leave the first coat overnight to cure before applying the second coat. If the first coat is left for more than one day or if it is very dry, pre-soaking with clean water is needed before applying the second coat. The second coat shall be applied by brush in a similar way to the first layer but preferably perpendicular to the previous layer to ensure good bond and coverage.



Mixing
To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. The 5 kg of part A should be added to a clean container. The 15 kg part B is then added slowly to the liquid while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing time should be continued for 3 minutes until a uniform consistency is obtained.
Surface Preparation
The surfaces to be coated should be clean, sound, and free from any contamination. Remove any traces of curing compound, laitance, organic growth or any other loose materials. This is best obtained by using high pressure water or light grit blasting. Honey combing, damaged or deteriorated concrete exists, the substrate should be repaired using suitable low permeability repair mortar before commencing the coating.
Cleaning
Clean up equipment with water immediately after use.
Safety Precautions
<ul style="list-style-type: none">• Keep container tightly closed and keep out of reach children or away from food and drink.• Ensure good Ventilation during application and drying.• When applying paint, it is advisable to wear eye protection.• In case of contact with eye, rinse with plenty of water immediately and seek medical advice.• Remove splashes from skin by using soap or water.• Paint must always be stored in a cool place.• When transporting paint, care must be taken. Always keep container in a secure upright position.• Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.
Note
<p>* Theoretical Coverage is based on a mathematical formula</p> $\left[\frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$ <p>and does not consider LOSS FACTORS. Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.</p> <p>The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to alter the given without prior notice.</p>

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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