



**PERFORMANCE SPECIFICATION FOR
EVERCRETE SKIMCOAT / TILE FILLER(SC)
POLYMER MODIFIED MORTAR TO PROVIDE
DURABLE FLAT SURFACE COATING FINISH**

1. PREAMBLE

Evercrete SC is a high quality polymer modified trowellable mortar to provide a highly durable flat surface to receive coating finish. It is compatible with all different brands and type of acrylic paints. It can also be applied to concrete substrate, mosaic tiles, ceramic tiles, brick wall, granite stone and textured surface.

2. USES

- A smoothing cementitious mortar for internal and external application.
- For new and renovation projects in touching up gaps, uneven surface and old tile finish.
- Suitable for use in smell sensitivity locations such as hospitals and food preparation or storage areas to the absence of casein and ammonia.

3. FEATURES AND BENEFITS

- Extremely low VOC and heavy metals.
- Moisture and mould resistant.
- Excellent polished finish.
- Good bonding to substrates.
- Good workability, trowellable and brushable.
- Easy to use, non-toxic and environmental friendly
- Thickness between 1mm to 3mm in one operation.

4. TECHNICAL DATA

Product Consistency	
Compressive Strength at 28 days (MPa)	10
Flexural Strength at 28 days (MPa)	104
Bond Strength at 28 days (MPa)	1.5
Linear Shrinkage	<0.2%
Typical Mixing Water (litres)	8.25 – 8.75
Wet Density (kg/m ³)	1700
Thickness per Coat (mm)	1 – 3
Coverage (kg/mm/m ²)	1.3
Packaging	25 kg / bag
Shelf Life	12 months



Note: The above are typical laboratory test results and can vary slightly depending on ambient and substrate conditions during application.

Standard

Density: According to BS 4551
Compressive and Flexural Strength: According to BS EN 196 – 1
Pull-off Test: According to HKHA/MTS (2000), Part D, 2.1.15
Linear Shrinkage: According to HKHA/MTS (2000), Part D, 2.1.21

5. APPLICATION

5.1. Substrate Preparation

Substrate must be clean from particles, oil, grease and other contaminants. To clean the substrate with water jet to remove dust and loose particles. If it is applied on concrete surface, it is recommended to apply Evercrete Deep Penetrating Sealer (DPS) before apply the Evercrete SC to have better adhesion.

5.2. Mixing and Installation

Mix a bag of dry mix powder (25 kg) with 8.25 – 8.75 litres of water using an electric mixer for about 5 minutes or until a lump-free homogenous mix is achieved. Let the skimcoat mix stand for 5 minutes, remix and the material is ready to use

Apply the mixed mortar onto the substrate within the working life which is dependent upon ambient temperature and relative humidity. Float the mortar to achieve an even spread over the surface. Excess mortar can be levelled off using a straight edge or trowel. If second coat is required, previous coat must be hardened

Although the finished surface should be flat and smooth, its levelness is largely dictated by the contour of the substrate. The finished surface can be polished with suitable quartz sand paper to remove trowel marks. Minor surface defects, which pose no detrimental effect to the performance of wall, such as fine pinholes and hairline cracks may occasionally occur due to substrate movement or other external factors beyond our control. It is recommended to allow 2 to 3 days before coating is applied over the hardened mortar surface..

(Details of the procedure please refer to our Method Statement.)

5.3. Limitation

Evercrete SC is not advisable to be used at the corner or substrate with potential movement.

6. STORAGE AND PACKING

Evercrete SC is delivered in 25 kg bag. Storage life is 12 months if the product is kept in a dry place with its original unopened bags.

Direct Sunlight must be avoided and protected from rainfall.



7. HEALTH AND SAFETY

Recommend to wear NIOSH approved or equivalent particulate face mask when mixing the material.

Material contains cement, which may produce an allergic effect.

Keep out of reach of children.

Material may cause irritation to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water.

8. REMARKS

Because it is not possible to give specific instructions for various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only and we reserve the right to modify the information detailed in this Technical Data Sheet.