



SL

Self-Levelling Overlayment

About Evercrete® SL

Evercrete® Self-Levelling Overlayment (SL) is a high quality pre-mixed cement-based self-levelling floor screed over concrete substrate. It can be applied to all concrete substrates and can be used in apartment units, shopping malls, offices, hotels and schools. It is free from casein and ammonia additives thus is also suitable for use in smell sensitivity locations such as hospitals and food preparation or storage areas.

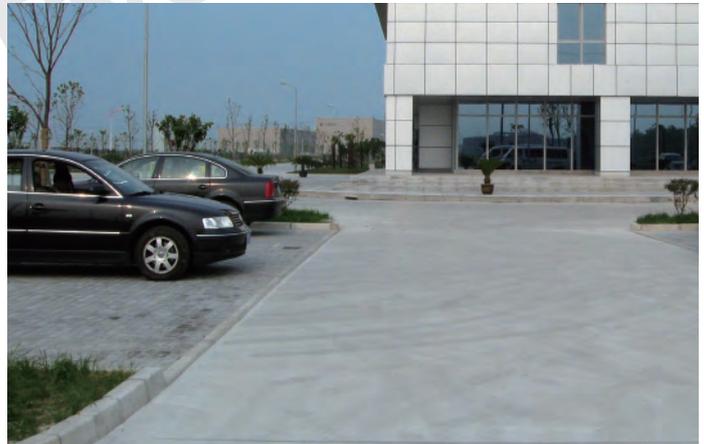
Where to use Evercrete® SL

- Specially formulated to be low shrinkage to minimize the formation of surface cracking.
- Becomes a flowable and pumpable self-levelling floor screed with addition of water.
- Can be applied at thickness between 5mm and 20mm in one operation while the optimum thickness is 5-8mm.
- Designed to set and gain strength quickly for light foot traffic in 4 hours.



Advantages of using Evercrete® SL

- Pumpable and flowable.
- Extremely flat and smooth finish.
- Sound solid surface.
- Good workability.
- Low shrinkage.
- Efficient applications.



Technical data

Compressive Strength at 28 days	>35 MPa
Flexural Strength at 28 days	>8 MPa
Linear Shrinkage at 28 days	<0.1%
Hindered Shrinkage at 56 days	<0.2%
Workability (Flow)	135 – 140mm
Setting Time	20 minutes
Access to Foot Traffic	4 hours
Typical Mixing Water	5.7 – 5.9 Litres
Wet Density	2000 kg/m ³
Coverage	1.65 kg/mm/m ²
Packaging	25 kgs/bag
Shelf Life	6 months

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

“Concrete Solutions That Stand The Test Of Time”

Application

Surface Preparation

Substrate must be clean, free from unsound material, oil, grease and other contaminants.

It is recommended to clean the substrate with high pressure water jet to remove dust and loose particles.

The substrate surface is recommended to be treated with Evercrete® Deep Penetrating Sealer (DPS) as a primer to enhance the adhesion properties and let the treated substrate becomes touch dry.

Mixing and Application

Mix one bag of Evercrete® Self-Levelling Overlayment (SL) dry powder with 5.7-5.9 Litres potable water.

Mechanical mixing should be carried out with a proprietary mixing and pumping machine.

The mortar should be laid to position within the working life which is dependent upon ambient temperature and relative humidity.

For best result, all applications should be done by our approved applicator.

Finishing

The finished surface should be flat and smooth, its levelness is largely dictated by the contour of the substrate.

Evercrete® Self-Levelling Overlayment (SL) does

not crack by itself. However, minor surface defects, which pose no detrimental effect to the performance of screed, such as micro hairline cracks or pinholes may occur due to substrate movement or other external factors beyond our control.



Storage and packing

Evercrete® Self-Levelling Overlayment (SL) is delivered in 25 kgs bag. Shelf life is 6 months if the product is kept in a dry place with its original unopened bags.

Direct sunlight must be avoided and protected from rainfall.

Failure to comply with recommended storage conditions may result in premature deterioration of the product or packaging.

For more information on Evercrete® products please visit our website at:

www.evercrete.com

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