



# SISCOFLOOR MBS

## EPOXY-CEMENT MOISTURE BARRIER

### Product Description

A 3-component, flowable, epoxy-cement moisture barrier. Product is designed for apply directly on damp concrete floor. After curing the floor can tolerant to water vapor underneath which can protect the over coating from blistering and delamination.

### Uses

Recommended for applied on concrete surface that have moisture not over 25% prior to applied resin floor system.

### Specific Properties

- High Impact and abrasion resistance
- Excellent adhesion to concrete substrate
- Vapor barrier layer; protect topcoat from blister and de-lamination
- Good flow, easy to apply

### Technical Information

Colour	Dark grey	
Wet density	1.25±0.05	
Consistency	Flowable	
Pot life	20-30 minutes	
Flexural Strength	4.00 N/mm <sup>2</sup>	ASTM C348
Tensile Strength	2.70 N/mm <sup>2</sup>	ASTM C307-03
Bond Strength	3.33 N/mm <sup>2</sup>	
Abrasion Resistance	1.22 g. (weight loss)	ASTMC944-99



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### Application Data

Application method	trowel
Temperature minimum	10 °C
Surface moisture	Maximum 25% (at 2 mm applied)
Drying time (light traffic)	24 hours
Full service	at least 7 days
Recommended thickness	at least 2 mm
Theoretical Coverage	approx. 2.5 kg/m <sup>2</sup> / 2 mm.

### Addition Information

Cleaning Solvent	Water
Packaging	24.5 kg/set
Priming	Do not required

### Surface Preparation

1. Substrates should be at least 14 days old and have a moisture content not exceeding 25%
2. Surface should be sound, dry, clean, free from dust, laitance, oil, grease or any contaminations.
3. Laitance deposits are removed by planetary diamond disc grinder or by captive blasting followed by vacuum cleaning to remove dust and debris.



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### Mixing and Application

1. Add part A to a clean mixing container follow with part B and mix with helical mixer for 30 seconds.
2. Add 5-6 kg of water and mix further until white solution is achieved.
3. Add part C and mix for further 60-90 seconds until homogeneous mixed is achieved.
4. Pour the whole mixed on prepared surface, spread material by trowel.
5. Leave material to cure for 24 hours before apply the subsequent coating.

### Storage

Store in a cool dry place, protect from direct sunlight.

### Safety Precaution

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breath vapour or spray. In case of touch skin, wash skin thoroughly soap and water. In case of accidental eyes splashes, flush eyes with warm water immediately and obtain medical advice.

### Disclaimer

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.