

# VS SLURRYFLEX®

## Flexible Cementitious Waterproofing Membrane

### Product Description

**VS SlurryFlex®** is a two-part, polymer modified flexible cementitious waterproofing membrane. It is applied onto concrete or masonry substrates to protect the structures against the ingress of water yet vapour permeable.

**VS SlurryFlex®** is flexible and able to withstand slight structural movement with crack bridging ability up to 2 mm. It adheres to most substrate surfaces without compromising adhesion strength and does not cause hollowness for subsequent tiling works.

### Areas of Application

- Toilets, showers, kitchens & balconies
- Planter boxes
- M&E rooms
- Swimming pools, water features, ponds and water tanks

### Advantages

- Two-part ready-pack kits ensures proper mix ratio
- Non-toxic
- Can be applied to damp substrates
- Foot trafficable when cured
- Flexible with crack bridging ability
- Vapour permeable
- Excellent adhesion
- Easy application using rollers or brush

### Technical Properties

Property	Value
Mix Density	1300 kg/m <sup>3</sup>
Mixed Colour	Grey
Pot Life @ 35 °C	Approx. 1 hour
Drying Time	40 mins
Elongation at Break	>250%
Tensile Strength	>1.9 N/mm <sup>2</sup>
Resistance to Water Penetration	0 mm
Hardness Shore A	>75
Water Vapour Transmission	<21 g/m <sup>2</sup> d
Crack Bridging Ability	2 mm
Adhesion to Substrate	>1.5 N/mm <sup>2</sup>
Chloride Content	<0.01%

### Installation

#### Site Preparation

All substrates before application of **VS SlurryFlex®** should be smooth, free from oil, grease, wax, dirt or any foreign matter. It should be sound, free from honeycombs, protrusions, voids, laitance, incompatible curing agents or any other contaminants.

Prior to application, all substrates must be dampened lightly with clean water using brush or roller but free of standing water.

#### Mixing

Pour **VS SlurryFlex®** liquid into a clean container. Add gradually **VS SlurryFlex®** powder to the liquid and mechanically mix with a low speed mixer.

Mix until a homogeneous slurry and lump-free.

#### Application

Apply the first coat using roller or brush to the substrates, working the slurry well into the substrate without air entrapment.

For corners or angle change, an additional slurry strip is recommended for reinforcement.

Allow 6 to 12 hours, depending on ambient temperature and ventilation, for the first coat to cure prior to second coat application.

**VS SlurryFlex®** recommended dry film thickness should be 1.2 mm, applied in 2 coats with a consumption rate of 2 kg/m<sup>2</sup>.

**VS SlurryFlex®** should be protected from mechanical damage during subsequent construction work by rendering or screeding after cured application.

### Health & Safety

**VS SlurryFlex®** is non-hazardous. Protect hands with rubber gloves during handling. Avoid contact with eyes and skin. In case of contact, wash immediately with water and seek medical advice.

Note:

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