

## Euro Prove Brush



Two component, acrylic polymer modified cementitious waterproofing membrane

### Description

Euro Prove Brush is a two component acrylic polymer modified cementitious waterproofing membrane supplied as ready to use kits. When mixed, an easily brush able slurry is produced which can simply be applied using a stiff brush.

### Advantages

- Non-toxic according to BS 6920 Part 1
- Can be applied to damp substrates
- No primer required
- Suitable for horizontal and vertical application
- Excellent adhesion to practically all surfaces
- Factory pre-blended two component system ensure quality control at site

### Uses

- Waterproof lining for water retaining structures such as swimming pool, water tanks
- Toilets and bathroom waterproofing
- Planter boxes and gutters lining
- Wet areas waterproofing such as kitchens and pantries
- Protect concrete and masonry against ingress of chloride ions and carbonation process.
- Retaining wall, basement and lift pit



### Standards compliance

Euro Prove Brush is deemed to be suitable for use in contact with potable water sources for human consumption as tested against BS6920 Part 1

### INSTRUCTION FOR USE

#### Substrate Preparations

All surfaces to be waterproofed should be sound, clean, dry and free from loose particles or other contaminants that prevent good membrane bonding to substrate.

#### Priming

The use of a primer is generally not required when using Euro Prove Brush.

#### Mixing

Pour Component B liquid into a mixing container. Mix mechanically using slow speed electric mixer fitted with spiral paddle. Add gradually Component A powder whilst stirring. Mix for 4-5 minutes until a smooth homogenous slurry is produced.

#### Tools

Euro Prove Brush should be applied by stiff brush.

#### Application

Pre-damp the prepared substrate with clean water. For best result, It is recommended to pre-damp the surface 1-2 hours prior to application of Euro Prove Brush. Apply a layer of Euro Prove Brush at a rate of 1.0 – 1.5 kg/m<sup>2</sup>. Leave the material to dry for 24 hours. Apply the second layer of Euro Prove Brush at a rate of 1.0 - 1.5 kg/m<sup>2</sup> at the direction perpendicular to the first coat. Leave the material to dry for 24 hours. If necessary apply a third layer at 1.0 – 1.5 kg/m<sup>2</sup>.

#### Consumption and Coverage

The consumption rate is approximately 1.0 - 1.5 kg/m<sup>2</sup>.

#### Packaging

Comp A (Powder) 20 kg + Comp B (Liquid) 5kg = Set ( A + B) 25kg

### Technical Properties

Properties	Value
<b>Pot life at 25°C</b>	Approx. 0.5 to 1.0 hrs
<b>Mixed density</b>	1.75
<b>Adhesion to substrate ASTM D4541</b>	1.5 N/mm <sup>2</sup>
<b>Compressive Strength</b>	>14 N/mm <sup>2</sup>
<b>Shore D hardness ASTM D2240</b>	>50
<b>Tensile strength ASTM D412</b>	1.0 N/mm <sup>2</sup>
<b>Water permeability DIN 1048 Pt5</b>	nil
<b>Water absorption BS1881 Pt 122</b>	0.02%