

Euro Prove Brushflex



Two component, elastomeric, crack-bridging cementitious waterproofing membrane

Description

Euro Prove Brushflex 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

- Elastomeric – able to bridge cracks
- 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 Brushflex 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 Brushflex.

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 Brushflex 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 Brushflex. Apply a layer of Euro Prove Brushflex at a rate of 1.0 – 1.5 kg/m². Leave the material to dry for 24 hours. Apply the second layer of Euro Prove Brushflex at a rate of 1.0 - 1.5 kg/m² 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/m².

Consumption and Coverage

The consumption rate is approximately 1.0 - 1.5 kg/m²

Packaging

Comp A (Powder) 20 kg + Comp B (Liquid) 10kg = Set (A + B) 30kg

Technical Properties

Properties	Value
Pot life at 35°C	Approx. 1 to 1.5 hrs
Mixed density	1.45
Adhesion to substrate ASTM D4541	0.8 N/mm ²
Shore A hardness ASTM D2240	>70
Tensile strength ASTM D412	1.0 N/mm ²
Elongation at break ASTM D412	>100%
Water permeability DIN 1048 Pt5	nil
Water vapor transmission ASTM E96	6.0 g/m ² /day
Crack bridging ASTM C836	2.0 mm
Water absorption BS1881 Pt 122	0.01%