

# VS ELASTIPRUF<sup>®</sup> ACRYLIC

## Seamless Acrylic Waterproofing Membrane

### Product Description

*VS ElastiPrufe<sup>®</sup> Acrylic* is a liquid-applied single-component waterborne seamless elastomeric acrylic waterproofing membrane for exposed applications. It may be applied over concrete, stone, brick, cement blocks, tiled surfaces, metal and most other surfaces.

*VS ElastiPrufe<sup>®</sup> Acrylic* does not contain any liquid plasticizers, coal tar or bitumen. It has excellent flexibility and elongation allowing expansion and contraction with the substrate over a wide range of temperature to retain a waterproof seal. It can be applied to complex shapes to form a seamless and extremely durable waterproofing membrane.

### Areas of Application

- Roofs
- Clay-tile pitch roofs
- R.C. ledges
- Walls

### Advantages

- One-part, easy application
- Elastomeric
- Seamless & waterproof
- UV resistant
- Crack bridging ability
- Excellent adhesion
- Easy application using roller or brush

### Standard Colours

*VS ElastiPrufe<sup>®</sup> Acrylic* is available in standard colours of grey and white.

### Technical Properties

Property	Value
Elongation	>500%
Tensile Strength	>2.3 N/mm <sup>2</sup>
Crack Bridging	2 mm
Adhesion to Concrete	>1.3 N/mm <sup>2</sup>
Resistance to Water Penetration	0 mm
UV Resistance	Excellent
Hardness Shore A	>40
Service Temperature	-20°C to 90°C
Water Permeability	<24 g/m <sup>2</sup> /day
Chemical Resistance	Resistant to most household chemicals

### Installation

#### Site Preparation

Surfaces on to which *VS ElastiPrufe<sup>®</sup> Acrylic* is to be applied should be dry, smooth, sound and free from honeycombs, protrusions, voids, laitance, dust, loose material, paint, oil, incompatible curing agent or any other contaminants. Blockwork should be smooth rendered and brickwork flush pointed.

#### Application

*VS ElastiPrufe<sup>®</sup> Acrylic* should be stirred with a low speed drill with a purpose made paddle before application. It should be applied by roller or brush to obtain a continuous, unbroken film. Two coats are recommended, allowing the first to dry prior to application of the second. A dry film thickness of 1.0 mm is recommended over concrete and block surfaces.

Extremely porous substrates or weak areas should be reinforced with additional *VS ElastiPrufe<sup>®</sup> Acrylic* membrane. Where movement is expected, a reinforcing mesh is recommended to embed between coatings. Application must be made uniformly to avoid pinholes.

*VS ElastiPrufe<sup>®</sup> Acrylic* should be applied at a rate of 0.6 kg/m<sup>2</sup>/coat.

### Health & Safety

*VS ElastiPrufe<sup>®</sup> Acrylic* will not exhibit health hazard. Good hygiene practice must be observed, i.e., gloves, goggles and safety equipment should be used. Store in closed containers in cool and dry conditions.

Note:

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