

VS ELASTIPRUF[®] PU

Seamless Elastomeric Waterproofing Membrane

Product Description

VS ElastiPrufe[®] PU is a moisture-cured one-part high performance coal tar free bitumen modified polyurethane waterproofing membrane. When cured, *VS ElastiPrufe[®] PU* formed an impervious barrier against water and moisture which is highly elastomeric and have excellent crack bridging properties.

VS ElastiPrufe[®] PU is cold-applied directly using brush or roller to form a seamless elastomeric waterproofing membrane. It can be applied to complex shapes to form a seamless and extremely durable waterproofing membrane.

Areas of Application

- Toilets, showers, kitchens & balconies
- Planter boxes
- M&E rooms
- Swimming pools, water features, ponds & water tanks
- Roofs and roof terraces
- Ground slabs

Advantages

- One-part, easy application
- Elastomeric
- Excellent adhesion
- Crack bridging ability
- Fast curing
- Seamless
- Impervious to moisture and water

Technical Properties

Property	Value
Solid Content	>85%
Tack-Free Time @ 25 °C	12 hours
Re-Coat Time @ 25 °C	12-24 hours
Elongation	>500%
Tensile Strength	>4 N/mm ²
Hardness Shore A	>75
Crack Bridging Ability	2 mm
Adhesion to Substrate	>1 N/mm ²
Resistance to Water Penetration	0 mm

Installation

Site Preparation

All substrates before application of *VS ElastiPrufe[®] PU* should be dry, 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.

Application

When required, porous substrates should be primed with *VS ElastiPrufe[®] PU* diluted with maximum 15% by weight thinner prior to actual application.

VS ElastiPrufe[®] PU should be applied by roller or brush to form a seamless coating layer. For corners or angle change, an additional coating strip is recommended for reinforcement. Apply the second coat after the first coat has cured tack-free.

VS ElastiPrufe[®] PU should not be applied at excessive film thickness in a single layer as this may result in pinholes during the curing process.

The recommended dry film thickness of *VS ElastiPrufe[®] PU* should be 1.2 mm, applied in 2 coats with a consumption rate of 1.7 litres/m².

VS ElastiPrufe[®] PU should be protected from mechanical damage during subsequent construction work by rendering or screeding after cured application.

Health & Safety

Do not use near an open flame or smoke during application as *VS ElastiPrufe[®] PU* contains flammable solvents. 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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