

VS STICKPRUFE® TORCH

Bituminous Torch-on Waterproofing Membrane

Product Description

VS StickPrufe® Torch is a torch-on sheet waterproofing membrane consisting of a distilled modified bitumen mixture with plastomeric polymers and atactic polypropylene (APP) polymers reinforced with a non-woven polyester fibre fabric, stabilized with glass and rot-proof.

VS StickPrufe® Torch has excellent resistance to thermal ageing and thermal shape stability (110°C) especially suitable for use in temperate-warm climate zones. It is not affected by ultra-violet (UV) rays ageing action and keeps excellent walkability during application which is important for exposed surface roofing where appearance is critical.

VS StickPrufe® Torch is available in standard green mineral granules for exposed applications. Non-standard colours are available upon request, subject to minimum order quantity. For build-up or protected roof systems, *VS StickPrufe® Torch* is available in plain finish.

Areas of Application

- Basement structures
- Foundations
- Tunnels
- Roofs
- Terraces

Advantages

- Effective vapour and water barrier
- Chemical resistant
- UV resistant
- Flexible

Technical Properties

Property	Value
Mass per unit area	4.5 kg/m ²
Tensile Strength	>300 N/50mm
Elongation at Break	>35%
Resistance to Tearing	130 N

Installation

Site Preparation

All substrates before application of *VS StickPrufe® Torch* should be dry, clean, smooth, free of irregularities, voids, loose materials or sharp protrusions.

Where the substrate is not smooth, it should be rendered or flush pointed to give a smooth surface.

Application

Surfaces to receive *VS StickPrufe® Torch* must be primed with a high penetration aliphatic bituminous primer and allowed to dry. Only apply the primer where the membrane is to be installed.

The membrane is unrolled with full flaming on the underside to provide total bonding of the membrane to the primed substrate. Bonding is achieved by torch melting the lower surface and pressing the membrane down, expelling any entrapped air. Care must be exercised not to overheat the coating while torching. A bead of molten bitumen must exude from all laps to indicate a satisfactory seal and leveled using a heated rounded tip trowel. The membrane is installed with a minimum overlap of 100 mm along the sides and 150 mm at the ends. Cut the membrane to the desired shape or size if needed for detailing or rectification purposes.

Health & Safety

VS StickPrufe® Torch is combustible if exposed to naked flame.

Property	Value
Watertightness	60 kPa
External Fire Performance	FRoof
Reaction to Fire	Class F
Low Temperature Flexibility	0°C
Dimensional Stability	<+0.3%

Note:

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