

PROOFEX TORCHSEAL 3PV

Prefabricated torch applied waterproofing membrane

DESCRIPTION

Proofex Torchseal 3PV is a prefabricated, torch applied waterproofing membrane composed on selected, modified bitumen reinforced with polyester which gives good waterproofing properties.

USES

Proofex Torchseal 3PV can be used as conjunctions element or continuity, uniforming, waterproofed layer or vapour retarder of the following areas :

- Basements
- Concrete Roofs
- Floor Slabs
- Carpark
- Tunnels and subways
- Concrete retaining structure

PROPERTIES

Proofex Torchseal 3PV is composed from modified bitumen with non – woven polyester mat reinforcement.

Characteristics	Value
Width (m)	1 ± 1%
Weight (kg/m ²)	3 ± 10%
Mass per unit area (Kg/m ²)	UNI EN 1849-1 3 ± 10%
Tensile strength (N/5cm)	UNI EN 12311-1
Longitudinal	600
Transversal	400
Elongation @ break (%)	UNI EN 12311-1
Longitudinal	> 40%
Transversal	> 40%
Low temperature flexibility	UNI EN 1109 - 5°C , No cracking
Water tightness (Kpa)	UNI EN 1928, ≥ 60
Softening Point	ASTM D36, 140 ± 5°C

APPLICATION

Prepare all tools and equipment to apply Profex Torchseal membrane (propane gas torch with gas cylinder, a knife for cutting the membrane and a trowel with a rounded tip).

Use of protective gloves and goggles is highly recommended when applying with gas torch.

The concrete surface to be waterproofed should be free of dust, dirt and any other contaminants. Porous substrate should be coated with Fosroc recommended primer tack coat No. 6 at an application rate of 200 – 800 gms/m² or according to the porosity of the surface. The placement of Proofex Torchseal 3PV membrane, used as waterproofing overlays, varies according to the nature of the support, the slope and the duty. The bonding of the sheet, as well as their fastening to the support, is done by melting the waterproofing compound with propane gas torch burner.

Sheet must be firstly placed on to the support and then aligned by overlapping the edges by 10 cm on the sides and 15 cm on the top. While welding the joints, a part of the compound must flow and cross the function line.

Laying process of the waterproofing membrane should be stopped in case of rain, snow, fog and when the temperature is lower than 5°C.

PACKING, SIZE AND STORAGE

Proofex Torchseal 3PV is available in rolls of 1 x 40m. Natural slate upper side finishing is also available on request.

Proofex Torchseal 3PV should be stored vertically in well aerated shelter. Protect against bad weather conditions and from extremely high temperature. Avoid stacking or overlapping of loose rolls/ pallets.

SAFETY

Proofex Torchseal 3PV does not contain any dangerous substance, coal tar or asbestos material.

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