

# Proofex Torchseal 3PL

## Prefabricated torch applied waterproofing membrane

### DESCRIPTION

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

### USES

**Proofex Torchseal 3PL** can be used as conjunction 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 3PL** is composed from modified bitumen with non – woven polyester mat reinforcement, with compound type of polypropylene modified bitumen (BPP).

Characteristics	Value
Width (m)	1 ± 1%
Weight (kg/m <sup>2</sup> )	3 ± 10%
Tensile strength (N/5cm)	
Longitudinal	ASTM D146 500
Transversal	ASTM DS147 350
Elongation @ break (%)	
Longitudinal	ASTM DS147 > 30%
Transversal	ASTM DS147 > 30%
Low temperature flexibility	- 5°C to - 10° C
	No cracking
Water tightness	ASTM E96
	Impermeable

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## APPLICATION

Prepare all tools and equipment to apply Proofex 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 oat No. 6 at an application rate of 200 – 800 gms/m<sup>2</sup> or according to the porosity of the surface. The placement of **Proofex Torchseal 3PL** 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 3PL** is available in rolls of 1 X 10m. Natural slate upper side finishing is also available on request.

**Proofex Torchseal 3PL** 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.

## LIMITATION

**Proofex Torchseal 3PL** is non-UV resistance material. The membrane should be protected immediately after application by Proofex protection board, screed or concrete.

## SAFETY

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

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