



Fosroc Proofex PGP

Loose laid PVC waterproofing membrane

Uses

Provides a continuously loose laid waterproof membrane system for building and civil engineering structures and is particularly suited to below ground construction.

- Basement waterproofing.
- Tunnel waterproofing.

Advantages

- Cold applied.
- Good resistance to puncturing.
- Fast application.
- Welded joints for maximum watertightness.
- Resistance to root penetration.

Description

Flexible PVC synthetic membrane for the waterproofing of tunnels and below ground structures.

The membrane is manufactured in two different colours, it is coloured light grey on top and black on the underside. This helps to identify any damages that may occur during application

Specification

The waterproofing shall be a 2mm thick loose laid PVC membrane with hot air welded seams.

Typical Properties

Thickness (EN 1849-2) : 2 mm (+10%, -5%)

Standard Colours : Upper layer: Light grey
Lower layer: Black

Tensile strength (ASTM D412 and EN12311-2)

Longitudinal : 16.5N/mm²

Transversal : 15N/mm²

Elongation at break

(ASTM D412 and EN12311-2)

Longitudinal : 300%

Transversal : 300%

Puncture resistance

(ASTM E 154:93)

Maximum Load : 1200N

Water impermeability

(BSEN 12390 P8)

: No penetration
@ 5 bar pressure

Water vapor transmission(g/h-m²)

(ASTM 96) : Nil

Tear resistance

(ASTM D624)

Longitudinal : 50N/mm

Transversal : 50N/mm

Lap joint strength

(welded) UEATc

: 1000 N/5cm

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Instructions for use

Surface preparation

Surfaces should be free from cavities and projecting nibs. All surfaces shall be free from running water. Refer to the method statement for details.

Application

The membrane layers are overlapped to achieve a minimum weld of 50mm. Hot air welding can be either hand applied or by means of automatic machines.

For additional details on installation and a list of Fosroc approved applicators refer to your local Fosroc office.

Limitations

If left exposed to heat, direct sunlight or UV light a change of colour may result and some physical properties may change.

Estimating

Supply

Proofex PGP	:	25 m long x 2.10 m wide roll
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Storage

Proofex PGP must be stored in a cool, dry store away from sources of heat in the original unopened packaging.

Store the rolls horizontally, not more than one pallet high.

Precautions

Health and safety

For further information, please consult Material Safety Data Sheets for the above products.

Fire

Proofex PGP is non flammable

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