

Fosroc Protection Board



constructive solutions

Robust, protection board for use with waterproofing membranes

Uses

To protect waterproofing membranes against impact and abrasion damage from site traffic and from coarse or sharp materials during backfill operations.

Advantages

- Light and easily handled
- Low water absorption
- Rot-proof
- Durable
- Robust
- Flexible

Description

Fosroc protection boards are tough, rot-proof, bitumen impregnated boards used for protecting waterproofing membranes against physical damage.

Technical support

Fosroc offers a comprehensive technical support package to specifiers, end-users and contractors which includes computer aided design (C.A.D.) and on-site assistance from staff with unrivalled experience in the industry.

Properties

Form	:	2m ² Semi-rigid boards of 3.5 mm, 4 mm & 6 mm thickness
Specific gravity	:	1.28 kg/m ³
Water absorption (ASTM D570)	:	< 1% at 24 hours
Softening point (ASTM D36)	:	159°C
Penetration (ASTM D5)	:	5.5 dmm @ 25°C 23.9 dmm @ 65°C
Puncture resistance (ASTM E154)	:	950N
Chisel Test	:	Pass

Specification

The waterproofing membrane shall be protected from mechanical damage by a protection board, nominal thickness 3.5mm, 4mm or 6mm supplied by Fosroc. Such protection board shall be weather, water and rot-proof. Selection of thickness depends on specification requirement to resist impact load.

Instructions for use

Fosroc protection boards can be saw cut.

For horizontal applications the protection boards are held in place using Nitoseal MB175 (formerly known as plastiseal), when butted together they should be joined using Proofex Detail Strip which is a double sided sticky tape 200mm wide.

For vertical applications the protection boards are held in place using Proofex Detail Strip, double sided sticky tape 200mm wide adhered to Proofex self-adhesive bitumen membrane. Use 200mm x 200mm squares of Proofex Detail Strip.

Storage

All products have a shelf life of 12 months if stored in a cool, dry store, away from sources of heat, in the original unopened packing. It should be stored horizontally, not more than one pallet high.

Precautions

Health and safety

There is no health hazard associated with the normal use of this product.

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Additional Information

Fosroc manufactures a wide range of complementary products which include :

- waterproofing membranes & waterstops
- joint sealants & filler boards
- cementitious & epoxy grouts
- specialised flooring materials

Fosroc additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following :

- hand-placed repair mortars
- spray grade repair mortars
- fluid micro-concretes
- chemically resistant epoxy mortars
- anti-carbonation/anti-chloride protective coatings
- chemical and abrasion resistant coatings

For further information on any of the above, please consult your local Fosroc office - as below.

* Denotes the trademark of Fosroc International Limited

† See separate data sheet



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Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. **All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the latest version.**

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