

Plasprufe Protection Board



Product Data Sheet

Protection Board For Tanking

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Features and Benefits

- Dimensionally stable
- Resistant to normal weathering conditions
- Manufactured in 2m² sheets - simplifies estimation and installation
- Flexible - will follow normal membrane and substrate contours without cutting
- Excellent puncture resistance - resistant to normal site traffic
- Tough - provides the amount of protection usually provided by thicker boards - reduces installation costs
- Excellent resistance to alkali attack - suitable for use in all normal soil conditions
- Easily cut and shaped on site
- Easily scored and folded - provides continuous protection at corners
- Special thicknesses available

Description

Plasprufe Protection Board is a tough, flexible polymeric board for protecting tanking membranes against mechanical damage, pedestrian or vehicular traffic and abrasion caused by backfilling. Owing to its high strength, excellent puncture resistance and non-compressible nature, Plasprufe Protection Board exceeds the performance of other thicker boards offering cost savings, better site handling and storage space reductions.

Tanking

Plasprufe Protection Board is extremely tough, with a high degree of puncture resistance. The use of this product will ensure protection of the membrane against mechanical impact and abrasion damage during backfilling and subsequent structural settlements.

Temporary protection

Plasprufe Protection Board can also be used as a temporary protection sheet to finished areas such as concrete paving slabs, floor tiling, staircases, marble columns etc.

Product details

Dimensions and weights	Plasprufe Protection Board 1.5	Plasprufe Protection Board 3.0
Standard thicknesses mm	1.5	3.0
Standard sheet size mm	2000 x 1000	2000 x 1000
Nominal weight kg/m ²	2.63	5.25
Nominal board weights kg	5.25	10.50
Sheets per pallet	256	128

Note: Non-standard thicknesses are available between 1.0mm and 3.5mm. Please contact Ruberoid for further information.

Typical performance			
Water absorption w/w BS 2782 430A %		0.4	0.4
Impact resistance ISO 6603: Part 2: 1989 N		820	1597
Dimensional stability Change in length (dry) 80°C	24hrs	-0.4%	-0.4%
	1 week	-0.4%	-0.4%
Change in length (wet) 80°C MOAT 27.5.1.6.1	24hrs	-0.4%	-0.4%
	1 week	+1.4%	+1.4%

Application

Horizontal Application

In normal conditions Plasprufe Protection Board should be loose-laid with butt joints onto the area to be protected. Joints must be over-taped using self-adhesive vinyl tape. This reinforces the joint and helps to secure the board in place whilst also preventing aggregate fines being washed down on to the protected surface.

Vertical Application

Plasprufe Protection Board can be temporarily secured to the vertical surface using Hyload DPC Jointing Tape. Three strips of tape should be positioned parallel to the longest side and equidistant across the board. Remove the silicon release paper and press the board into position.

Alternatively, if applying to Plasprufe 3100 gently heat-activate five 200mm diameter areas of the membrane where the board is to be positioned, one per corner and one centrally, dispersing the polyethylene film to expose the modified bitumen coating. Press the board into position; the product will be affixed by the adhesive qualities of the modified coating. All butt joints should be over taped using self-adhesive vinyl tape.

These methods are sufficient to hold Plasprufe Protection Boards in position whilst back-filling. Where the product is to be exposed for longer periods refer to Ruberoid.

Cutting and Shaping

Depending upon the detail Plasprufe Protection Board can be folded to accommodate changes in direction. Where necessary the boards can be scored to assist bending or trimmed using a sharp knife. In accordance with best practice the boards should be covered as soon as practically possible.

Other products

Full product literature, health & safety and technical sheets are available as downloads from our website www.ruberoid.co.uk or on request by email: marketing@ruberoid.co.uk

Ruberoid Building Products

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