

# Plasprufe MP

## Product Data Sheet

**Cold applied, self-adhesive modified bitumen damp proof membrane**

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### Features and benefits

- Tough polyethylene carrier.
- Polymer modified, self-adhesive bitumen coating.
- Cold applied – no heating, simple, low labour cost.
- Tough, durable, flexible and fatigue resistant.
- BBA Certification.
- Comprehensive range of accessories and ancillaries
- Full design and technical service.
- Specification compliant with BS 8102: 1990.

### Description

Plasprufe MP is a combination of a high-density polyethylene film and modified self-adhesive bitumen compound. Plasprufe MP is supplied in rolls 1.5 mm thick, 1m wide and 20m in length.

### Product details

Roll length	20 metre
Roll width	1 metre
Thickness	1.5mm nominal
Storage	Store upright in dry conditions below 30 °C

Typical Physical Properties	Typical Result	Test Method
Tear resistance Long Trans	91.6N 89.6N	BSEN-12310-1:2000
Peel strength	105.4N	BSEN-12316-1:2000
Tensile strength joint	130.6N	BSEN-12317-1:2000
Moisture vapour permeability	0.39g/m <sup>2</sup> /24 hours	BS 3177:1959 (75%RH/25 °C)

Plasprufe MP complies with the relevant sections of the following national standards: BS 8102:1990, Building Regulations (England and Wales) 1991 (amended 1994) clause C4. Building Regulations (Northern Ireland) 1994 (amended 1995) clause B2. Building Standard (Scotland) Regulations 1990, Regulation B2.1, G2.6.

### Site Installation

Loose material and sharp protrusions should be removed mechanically. Concrete and renders must be fully cured and brickwork should be flush pointed to ensure a smooth, clean and dry surface.

### Precautions on site

Store in dry conditions under cover between a temperature of 5°C and 30°C. The shelf life of the product under these conditions is 1 year. Rolls must be stored horizontally, stacked no more than 5 high.

The product must not be applied when the surface temperature falls below 5°C. To ensure lap security in cool weather (below 10°C), it is advantageous to warm the self-adhesive coating by storing the product in heated conditions prior to use or using a hot air gun during installation.

### Priming

All surfaces should be clean, smooth and dry. All areas must be primed with Ruberoid Self Adhesive Primer as follows:

1. Ensure primer is well mixed before using.
2. Apply at a rate of 4m<sup>2</sup> to 6m<sup>2</sup> per litre and allow to dry. Drying times may be extended during winter conditions. Primed areas should be covered with Plasprufe MP membranes within 4 hours. Newly applied primer should be protected from contamination.

### Angles and corners

These should be provided with a suitable fillet or splay and reinforced with a 330mm wide piece of Plasprufe equidistant across the previously primed area. Preformed Cloak Units are available for changes of direction. When angles have been reinforced, the membrane should be applied as follows.

### Overlaps

All laps must be a minimum 100mm wide and lap joints should be checked for security as work proceeds. Laps should be pressed with a roller to ensure a secure seal. It is particularly important that the DPM is sealed to any wall DPC present in the location of the floor. Full continuity between wall and floor junctions must be maintained.

### Horizontal (floor) application

Requires two operatives: one to progressively remove the release sheet while the other presses the membrane onto the surface with a soft broom, working from the centre outwards, to remove any air bubbles. The floor membrane should be carried up the walls to allow later connection with the DPC or wall tanking membrane. Protect the membrane as soon as possible with Plasprufe Protection Boards or sand/cement screed.

### Vertical (wall) application

After cutting to the appropriate length, starting at the top of the wall, remove 300mm of release film and bond the membrane firmly to the substrate. Working downwards progressively remove the release film and press the membrane onto the surface working from the center outwards to remove any air bubbles.

The upper edges of membrane must be fixed using Ruberoid DPC Fixing Strip and Pins, or turned into a chase, wedged and sealed with Ruberflex sealant. If the membrane is to be left exposed for any length of time, fix Ruberoid DPC Fixing Strip and Pins to all edges.

Prior to backfilling, membranes must be protected with a brick or block skin, or with Plasprufe Protection Boards. Particular care must be taken not to damage the membrane when applying a brick skin. A gap of 40mm should be left and filled with sand/cement mortar as work proceeds.

### Specification clauses

Full product specifications in NBS format are available via Ruberoid 's national team of Project Managers. Please telephone or e-mail to schedule an appointment.

Ruberoid also provides a design facility where AutoCAD drawings can be prepared to support any material specifications. Our Technical and Design Services Department also provides technical advice via the telephone and email (see below).

### Health and safety

A Health and Safety data sheet relating to Plasprufe MP is available from the Technical & Design Services Department on 0800 587 7391 or E-mail [wat.tech@ruberoid.co.uk](mailto:wat.tech@ruberoid.co.uk). Alternatively, Health and Safety data sheets for all Ruberoid products are available as downloads from the Ruberoid web site: [www.ruberoid.co.uk](http://www.ruberoid.co.uk)

### Technical and design support

Technical advice can be obtained from the Technical & Design Services Department on:  
Tel: 0800 587 7391 Fax 01257 252986 Email [wat.tech@ruberoid.co.uk](mailto:wat.tech@ruberoid.co.uk)

### Other products

Ruberoid is part of the IKO Group which manufactures and supplies a wide range of high performance, insulated roofing systems including bituminous membranes, mastic asphalt, hot melt and polymeric single ply. The range also encompasses green roof systems, DPCs/DPMs/tanking materials and liquid waterproofing solutions and compounds. Full product literature is available as downloads from the web site: [www.ruberoid.co.uk](http://www.ruberoid.co.uk) or on request by email: [marketing@ruberoid.co.uk](mailto:marketing@ruberoid.co.uk)

#### Ruberoid Building Products

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