

# ATAL BBA DPM TECHNICAL DATASHEET

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Structural Waterproofing Systems

BBA Certified as Damp-Proof Membrane Cert No. 96/3267

## DESCRIPTION

Atal BBA DPM is produced from 100% recycled polymer. It is a low-density polyethylene membrane, for use in solid concrete ground floors which are not subject to hydrostatic pressure, to protect the building against moisture from the ground. The membrane is available in 1200g and 2000g.

## ANCILLARY ITEMS

- Atal DS Butyl Tape
- Atal Single Sided Overlap Tape
- Atal Premsil 100
- Atal Protection Board
- Atal Top Hats

## STORAGE ON SITE

Atal BBA DPM is not recommended for use when exposed to sunlight and general outdoor weather conditions for long periods. Weathering will not occur when installing to code of practice CP102 1973. Rolls should be stored undercover and on a flat level surface. Atal BBA DPM is non-hazardous and is chemically inert.

## JOINTING OF MEMBRANE

1A - Unroll the first membrane, ensure the surface is dry and free from dust or grease. Inspect the membrane to ensure that there are no indentations or protrusions. If there are remove and apply sand blinding.

2A - Apply Atal DS Butyl Tape to the membrane, 50mm from the edge. The membrane must be dry and free from dust and dirt, if required use a damp cloth to remove residue prior to taping.

3A - Unroll the second membrane overlapping the first membrane by 150mm. Remove the protective paper from the Atal DS Butyl Tape and apply pressure to the membrane using a hand roller while joining the two membranes together.

4A - Seal the two membranes by installing Atal Overlap Tape (Grey).

## REPAIR

Perforations or punctures in the membrane must be patched with Atal BBA DPM lapped at least 150 mm beyond the limits of the puncture and sealed with Atal DS Butyl Tape and Atal Single Sided Overlap Tape.

## SERVICE ENTRY POINTS

All service entry points must have airtight seals. Seal using either Atal Premsil 100 or Atal Top Hats.

## NOMINAL CHARACTERISTICS

	1200g	2000g
Roll width (m)	4	4
Roll length (m)	25	12.5
Mass per unit area (g/m <sup>2</sup> )	280	460
Tensile strength (N/50mm)		
MD	≥150	≥180
CD	≥150	≥180
Elongation (%)		
MD	>450	>300
CD	>450	>300
Water vapour transmission (S <sub>d</sub> ) value (m)	284.8	498.6
Watertightness (2 kPa)	pass	pass
Nail tear (N)	217	324

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