

Memtec BM 1.2

DESCRIPTION

Memtec BM 1.2 is a flexible PVC-P vinyl membrane which is 1.2mm thick and reinforced with non-woven glass fibre.

APPLICATIONS

Applications Memtec BM 1.2 is suitable for an adhesive bonded specification or a loose laid and ballasted specification.

PROPERTIES

- Memtec BM 1.2 meets the requirements of EN13956 standard specification.
- Certificate CE no 0099/CPD/A85/0081.
- Membrane made exclusively from virgin resins.
- Very long-lasting.
- High level of waterproofing even under permanent deformation.
- Highly puncture resistant.
- Excellent stability under UV radiation.
- Excellent dimensional stability.
- Excellent mechanical properties.
- Easily welded using hot air, even several years after installation.
- Excellent flexibility at low temperatures.

INSTALLATION

- Memtec BM 1.2 waterproofing systems must be installed by experienced and qualified personnel.
- Surfaces must be clean and dry and free from sharp obtrusions. The membrane can be used on bituminous felt, asphalt and polystyrene insulation by using a suitable geotextile as a separating layer or Memtec fleece backed membrane type BM-FB.
- Sheets can be joined using a hot air welder, joints should be checked using a seam testing probe.
- Before starting welding adjust the parameters for speed and temperature according to the ambient conditions and the surfaces of the membrane.

PACKAGING AND STORAGE

Colours	Light grey, Dark grey
Dimensions	2.10 x 20m (42m ² /Roll) 1.04 x 20m (28.8m ² /Roll)
Rolls/pallet	18-15
Storage	Horizontally and in parallel (never crossed)

Supplied in rolls on cardboard tubing.
Store in the original packaging in a dry and cool place.

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MEMTEC
Modern
efficient
performance
cost effective
flat roofing
systems

Photo courtesy of @Denne.

Memtec BM 1.2

Flexible PVC membrane with non-woven glass fibre reinforcement

Dimensions 2.10m x 20m x 1.2mm

Applications: adhesive bonded adhered systems or can be loose laid and ballasted

SPECIFICATIONS	Test method	Unit	Memtec BM 1.2
External fire behaviour	prEN 13501-5	-	Broof (t1)
Reaction to fire	EN 13501-1:2002 (EN ISO 11925-2)	-	E
Watertightness	EN1928:2000 (B)	-	Pass
Tensile strength to Break	EN12311-2	N/mm ²	≥11
Elongation at Break	EN12311-2	%	≥200
Static puncture resistance	EN12730 (A)	kg	25
Impact resistance	EN12691	mm	≥500 (Hard substrate) ≥800 (Soft substrate)
Tear resistance	EN 12310-2	N	≥150
Joint separation resistance	EN12316-2	N/50mm	≥150
Joint shear resistance (L x T)	EN12317-2	N/50mm	≥500x500
Artificial aging due to prolonged Exposure to UV radiation,High Temperatures and water	EN1297	Visual	Pass
Flexibility under low temperatures	EN495-5	°C	≤-25

OTHER SPECIFICATIONS	Test method	Unit	Value
Visible defects	EN1850-2	-	Pass
Length	EN1848-2	m	20
Width	EN1848-2	m	2.1
Straightness	EN1848-2	mm	≤50
Mass per unit area	EN1849-2	kg/m ²	1.57
Thickness	EN1849-2	mm	1.2
Flatness	EN1848-2	mm	≤10
Dimensional stability	EN1107-2	%	≤0.09
Water vapour transmission properties	EN1931	μ	20.000

Memtec Limited reserves the right to modify information without prior warning and will not take responsibility for anomalies caused by incorrect use of the product. The values shown in the technical sheets are the average values resulting from tests carried out in our laboratory.

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