

Memtec MF 1.5

DESCRIPTION

Memtec MF 1.5 is a flexible PVC-P vinyl membrane which is 1.5 mm thick and is reinforced with a polyester mesh.

APPLICATIONS

Memtec MF 1.5 is suitable for waterproofing roofs, ballasted systems and mechanically-fastened system both in new construction and refurbishment.

PROPERTIES

- Memtec MF 1.5 meets the requirements of EN 13956 standard specification.
- Certificate CE no.0099/CPD/A85/0081.
- Membrane made exclusively from virgin resins.
- Extremely long-lasting.
- Highly puncture resistant.
- Excellent stability under UV radiation.
- Excellent mechanical properties.
- High resistance to laceration.
- Easily welded using hot air, even several years after installation.
- Can be recycled.
- Excellent flexibility at low temperatures.

INSTALLATION

- Memtec MF 1.5 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 MF-FB.
- The membrane is laid flat without creases and fixed to the support surface.
- Membranes should be joined using hot air welding so giving a double-thickness seam for mechanical fixing.
- 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 MF 1.5

Flexible PVC membrane with polyester reinforcement.
Dimensions 2.10m x 20m x 1.5mm – 1.04m x 15m x 1.5mm
Applications: mechanically fastened systems

| SPECIFICATIONS | Test method | Unit | Memtec MF 1.5 |
|--|-------------------------------------|---------|--|
| External fire behaviour | prEN 13501-5 | - | Broof (t10, Broof (t3) |
| Reaction to fire | EN 13501-1:2002 (EN ISO 11925-2) | - | E |
| Watertightness | EN1928:2000 (B) | - | Pass |
| Tensile strength to Break | EN12311-2 | N/50 mm | ≥1100x1000 |
| Elongation at Break | EN12311-2 | % | ≥20 |
| Static puncture resistance | EN12730 (A) | kg | 25 |
| Impact resistance | EN12691 | mm | ≥600 (Hard substrate) ≥800 (Soft substrate) |
| Tear resistance | EN 12310-2 | N | ≥200 |
| Joint separation resistance | EN12316-2 | N/50mm | ≥200 |
| Joint shear resistance (L x T) | EN12317-2 | N/50mm | ≥1000x1000 |
| 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 | 1.95 |
| Thickness | EN1849-2 | mm | 1.5 |
| Flatness | EN1848-2 | mm | ≤10 |
| Dimensional stability | EN1107-2 | % | ≤0.3 |
| 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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