

TEXSALON MAT FB

Synthetic membrane made of modified polyolefin TPO obtained through co-extrusion, dimensionally stabilized by fiber glass and adhered to the upper sheet with non-woven polyester felt.

The upper sand grey layer is highly weather-resistant and resistant to UV rays.

ADVANTAGES

- Dimensional stability
- Wind-up lift resistance
- Mechanical resistance and puncturing resistance
- Adapts to structural movements.



APPLICATION

ROOFS

- Full adherence to horizontal surfaces:
 - Adhered to insulation boards
 - Adhered to concrete supports
 - Adhered to existing coverings

Synthetic Waterproofing TPO

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

PACKAGING AND STORAGE

| | TEXSALON MAT FB 1.2 | TEXSALON MAT FB 1.5 | TEXSALON MAT FB 1.8 | TEXSALON MAT FB 2.0 |
|------------------------|---------------------|---------------------|---------------------|---------------------|
| Roll length (m) | 25 | 20 | 20 | 20 |
| Roll width (m) | 2.10 | 2.10 | 2.10 | 2.10 |
| m ² /roll | 52.5 | 42 | 42 | 42 |
| m ² /pallet | 1207.5 | 966 | 756 | 756 |
| Upper layer colour | light grey | light grey | light grey | light grey |
| Underside layer colour | Black | Black | Black | Black |

Storage: Horizontally, parallel (never crossed) Store in the original packaging in a dry and cool place

TECHNICAL PROPERTIES

| PROPERTIES | Unit | Test Method | TEXSALON MAT FB 1.2 | TEXSALON MAT FB 1.5 | TEXSALON MAT FB 1.8 | TEXSALON MAT FB 2.0 |
|---|-------------------|--------------|---------------------|---------------------|---------------------|---------------------|
| Thickness | mm | EN 1849-2 | 1.2 | 1.5 | 1.8 | 2.0 |
| Weight | Kg/m ² | EN 1849-2 | 1.35 | 1.70 | 2.00 | 2.15 |
| Tensile strength | N/ 5cm | EN 12311-2 | ≥ 550 | ≥ 650 | ≥ 800 | ≥ 850 |
| Elongation to break | % | EN 12311-2 | ≥ 350 | ≥ 350 | ≥ 350 | ≥ 350 |
| Tear resistance | N | EN 12310-2 | ≥ 200 | ≥ 250 | ≥ 300 | ≥ 340 |
| Resistance to impact | mm | EN 12691 | ≥ 450 | ≥ 800 | ≥ 900 | ≥ 1250 |
| Cold bending | °C | EN 495-5 | ≤ - 40 | ≤ - 40 | ≤ - 40 | ≤ - 40 |
| Hydrostatic pressure resistance (6 hours at 0.5 Mpa) | | EN 1928 (B) | Waterproofing | Waterproofing | Waterproofing | Waterproofing |
| Dimensional stability | % | EN 1107-2 | ≤ 0.1 | ≤ 0.1 | ≤ 0.1 | ≤ 0.1 |
| Resistance to artificial weathering | U.V. | EN 1297 | No surface cracking | No surface cracking | No surface cracking | No surface cracking |
| Resistance to root penetration | | UNE 13948 | No penetration | No penetration | No penetration | No penetration |
| Resistance to static punching | kg | EN 12730 (B) | ≥ 20 | ≥ 20 | ≥ 20 | ≥ 20 |

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