## Technical Datasheet

# DELTA®-MAXX PLUS

Energy-saving sarking and waterproofing sheet with self-adhesive edges

| Characteristics | Methods | Values | Units |
|---|---|---|---|
| **Description** | | | |
| Description | - | 2-layer breathable protective insulating membrane for sarking and soft sheating. | - |
| Material | - | Highly tear-resistant polyester non-woven fabric (grey) with a (red) vapour permeable polyurethane coating and self-adhesive edges. | - |
| Weight | EN 1849-2 | approx. 190 | g/m² |
| Thickness | - | 0,4 | mm |
| Density | EN 1849-2 | approx. 1.100 | kg/m³ |
| Coefficient of thermal conductivity | - | approx. 17 | W/m.K |
| **Water vapour transmission** | | | |
| Sd-value | EN ISO 12572 | 0,15 | m |
| Diffusion resistance factor µ | - | 375 | - |
| Water vapour transmission | EN ISO 12572 | approx. 0,6 | g/m².h.mmHg |
| **Watertigtness** | | | |
| Watertightness | EN 1928 | W1 | - |
| Resistance to water penetration after ageing (336h QUV + 90d 80°C) | EN 1928 + EN 13859-2 | W1 | - |
| **Mechanical properties** | | | |
| Tensile strength | EN 12311-1 | 450 / 300 | N/5 cm |
| Tensile strength after ageing | EN 12311-1 | 360 / 240 | N/5 cm |
| Elongation at break | EN 12311-1 | 40-70 / 60-100 | % |
| Tear resistance | EN 12310-1 | 280 / 350 | N |
| Dimensional stability | EN 1107-2 | < 2 | % |
| Flexibility at low temperature | EN 1109 | -40 | °C |
| **Additional characteristics** | | | |
| Fire resistance | EN 13501-1 | E | - |
| Service temperature range | - | - 40 to +80 | °C |
| Short-term maximum temperature load of the material | | +120 | °C |
| Application | For fully-insulated pitched roofs with and without hard sheathing. | | |
| CE conformity | EN 13859-1 and EN 13859-2 | Yes | - |
| Accessories | DELTA®-MULTI BAND 60 mm & 100 mm, , DELTA®-SB 60 DELTA®-FLEXX BAND F100, DELTA®-THAN | | |
| Dimension / roll weight / palettizing | - | 1,5 m x 50 m / 14 kg / 25 rolls | - |

The contents of this data sheet describe the current state of knowledge at the time of publication and do not purport to be complete. The information listed does not release from own responsibility. With publication of this sheet all previous ones are no longer valid. Errors and typing errors reserved.

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