

Technical data sheet

BauderFPO WWB

Embossed walkway membrane



09/10/2024

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| Product description | Polyester reinforced FPO/ TPO single ply embossed walkway membrane. | |
| Application fields | Walkway membrane reduces the potential for slip when installed over the field sheet waterproofing. | |
| Colour | Dark grey | |
| Surface | top: | dark grey |
| | bottom: | dark grey |
| Reinforcement type and weight | synthetic reinforced polyester | |
| Article number | 6503 1075 | |



| Characteristic | Test method | Unit | Value |
|---|--------------|-------------------|--------------------|
| Visible defects | EN 1850-2 | - | no visible defects |
| Length | EN 1848-2 | m | 10(-0/+5%) |
| Width | EN 1848-2 | m | 0,75(-0,5/+1%) |
| Straightness | EN 1848-2 | mm | < 30 |
| Flatness | EN 1848-2 | mm | < 10 |
| Mass per unit area | EN 1849-2 | kg/m ² | 2,4(-5/+10%) |
| Nominal thickness incl. profile | - | mm | 2,3(-5/+10%) |
| Water tightness | EN 1928 - B | - | passed |
| Reaction to fire | EN 13501-1 | - | class E |
| Joint peel resistance | EN 12316-2 | N/50mm | NPD |
| Joint shear resistance | EN 12317-2 | N/50mm | NPD |
| Tensile strength ld | EN 12311-2 A | N/50mm | ≥1200 |
| Tensile strength td | EN 12311-2 A | N/50mm | ≥1200 |
| Elongation ld | EN 12311-2 A | % | ≥19 |
| Elongation td | EN 12311-2 A | % | ≥19 |
| Resistance to impact hard surface | EN 12691 | mm | ≥900 |
| Resistance to impact soft surface | EN 12691 | mm | ≥1250 |
| Resistance to static loading hard surface | EN 12730 | kg | ≥20 |
| Resistance to static loading soft surface | EN 12730 | kg | ≥20 |
| Tear resistance (length) | EN 12310-2 | N | > 400 |

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| Characteristic | Test method | Unit | Value |
|--------------------------------|--------------|------|------------------------------|
| Tear resistance (transversal) | EN 12310-2 | N | > 400 |
| Resistance to root penetration | EN 13948/FLL | - | NPD |
| Dimensional stability Id | EN 1107-2 | % | ≤1 |
| Flexibility at low temperature | EN 495-5 | °C | ≤ -30 |
| UV exposure | EN 1297 | - | passed, class 0 (> 5000 h) |
| Hail resistance hard surface | EN 13583 | m/s | ≥28 |
| Hail resistance soft surface | EN 13583 | m/s | ≥40 |
| Water vapour transmission | EN 1931 | - | 200000 (±30%) |
| Exposure to bitumen | EN 1548 | - | passed |
| External fire performance | CEN/TS 1187 | - | not applicable |

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| Product surface finish | Bauder FPO embossed walkway membrane achieves slip resistance class R10 and water drainage class V5 |
| Product storage guidance | Store the materials outdoors, laid horizontal/flat and off the ground with suitable robust UV resistant, flame-retardant tarpaulin. Ensure the product(s) are clear of buildings and any other storage areas. Where there are storage containers on site, these may be suitable for storing products. |
| Pallet size | Pallet size = 32 rolls/240m ² per pallet |
| Packaging material | The product will be delivered on wooden pallets with polyethylene overwrap to protect the product. Each roll has a recycled cardboard core. Recycled nylon straps contain the rolls on a pallet. |
| Handling/PPE | All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using/handling the product, installers should be provided with, and wear, suitable personal protective equipment. |
| Disposal guidance | Waste of the product is not a hazardous substance. Observe local regulations. European Waste Catalogue EWC number 170203 "Plastic Mirror Non hazardous" |
| Re-use options of product | Please refer to EPD stated below in Certification and environmental information. |
| Further information/documents | Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting www.bauder.co.uk |
| Safety Data Sheet | Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet. |