

Technical data sheet

BauderTHERMOPLAN T 15

FPO Coverstrip Roofing membrane



06/06/2024

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|--------------------------------------|--|----------------------|
| Product description | Polyester reinforced flexible polyolefin membrane (FPO), an alloy of thermoplastic and rubber. | |
| Application fields | Membrane can be mechanically fastened, adhered or loose-laid ballasted. Can be used under green roof landscaping | |
| Surface | top: | pearl white RAL 1013 |
| | bottom: | black |
| Reinforcement type and weight | synthetic reinforced polyester | |
| Article number | 6615 0020 | |



| Characteristic | Test method | Unit | Value |
|---|--------------|-------------------|--------------------|
| Visible defects | EN 1850-2 | - | no visible defects |
| Length | EN 1848-2 | m | 20(-0/+5%) |
| Width | EN 1848-2 | m | 0,2(-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 | 1,8(-5/+10%) |
| Effective thickness | EN 1849-2 | mm | 1,5 (-5/+10%) |
| Water tightness | EN 1928 - B | - | passed |
| Reaction to fire | EN 13501-1 | - | class E |
| Joint peel resistance | EN 12316-2 | N/50mm | ≥300 |
| Joint shear resistance | EN 12317-2 | N/50mm | ≥500 |
| 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 | ≥700 |
| Resistance to impact soft surface | EN 12691 | mm | ≥950 |
| 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 | > 350 |



Notified body: MFPA Leipzig, 0800
EN 13956 : 2012, EN 13967 : 2012

Notified body: BBA 0836
BS EN 13956

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| Characteristic | Test method | Unit | Value |
|---|---------------------------------|------|---------------------|
| Tear resistance (transversal) | EN 12310-2 | N | > 350 |
| Resistance to root penetration | EN 13948/FLL | - | passed |
| Dimensional stability Id | EN 1107-2 | % | ≤0,3 |
| Flexibility at low temperature | EN 495-5 | °C | ≤ -30 |
| UV exposure | EN 1297 | - | passed (> 5000 h) |
| Durability Watertightness after artificial ageing | EN 1296 - EN 1928 (B 24h/60kpa) | - | passed |
| Durability Watertightness after exposure to chemicals | EN 1847 - EN 1928 (B 24h/60kpa) | - | passed |
| Hail resistance hard surface | EN 13583 | m/s | NPD |
| Hail resistance soft surface | EN 13583 | m/s | ≥39 |
| Water vapour transmission | EN 1931 | - | 200000 (±30%) |
| sd-value | EN 1931 | m | 300 |
| Exposure to bitumen | EN 1548 | - | passed |
| Nail Shaft test | EN 12310-1 | N | > 400 |
| External fire performance | CEN/TS 1187 | - | not applicable |

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| 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 = 16 rolls/320m 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 |
| Certification and environmental information | <p>BBA Certificate No.: 04/4120</p> <p>FM Approval: Not applicable</p> <p>Environmental Product Declaration: EPD-BAU-20130189-IBCC-DE</p> <p>International Standards Organisation (ISO):</p> |



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ISO 9001:2015 Quality Management
Certificate 70499/03-15_e (Germany)

ISO 14001:2015 Environmental Management
Certificate 70499/03-15_d (Germany)

ISO 50001: 2011 Energy Management
Certificate 70499/03-15_c (Germany)

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.



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