

# Technical data sheet

## BauderPIR T KL 50

### Angle Fillets



04/06/2024

|                            |  |      |  |
|----------------------------|--|------|--|
| <b>Product description</b> | BauderPIR angle fillets are a triangular profiled section of BauderPIR insulation. The product is un-faced and requires priming and gluing prior to application of Bauder underlayers.   |      |  |
| <b>Application fields</b>  | For use in conjunction with BauderPIR Insulation. Can also be used in cold roof scenarios. The product is designed to fully support the waterproof membrane at 90° abutments, providing a smooth transition between the horizontal and vertical interface. |      |  |
| <b>Article number</b>      | 9610 7050  |      |  |
| <b>Facing</b>              | top:   | None |  |
|                            | bottom:  | None |  |
| <b>Cutting</b>             | Fillets can be cut with a fine-toothed saw or straight bladed craft knife.   |      |  |
| <b>Description</b>         | PU-EN13165-T2-DS(70,90)3-DS(-20,-)2-CS(10Y)120-TR100   |      |  |

| Characteristic                              | Test method | Unit | Value  |
|---|-------------|------|--------|
| Length                                      | EN 822      | mm   | 1000   |
| Width 1 (height when installed)             | EN 822      | mm   | 50     |
| Width 2 (height when installed)             | EN 822      | mm   | 50     |
| Diagonal                                    | -           | mm   | 70     |
| Thickness                                   | EN 823      | mm   | 35     |
| Thermal conductivity ( $\lambda_D$ ) - (EU) | EN 13165    | W/mK | 0,026  |
| Water absorption                            | EN 12087    | Vol% | max. 3 |
| PIR Index                                   | -           | -    | >250   |

#### Product surface finish

- BauderPIR angle fillets must be installed in dry conditions
- With the longest face facing outward, place the angle fillet against the upstand, bonded in the specified Bauder adhesive
- Prime the face of the angle fillet with Activator-Primer prior to installation of the Bauder underlayer
- Adjacent lengths of angle fillet to be closely butted together
- BauderPIR angle fillets can be cut to size using a fine-toothed saw

#### Product storage guidance

Store the materials outdoors with suitable robust UV resistant, flame-retardant tarpaulin. Ensure the product(s) are clear of buildings and any other storage areas. The products must not be exposed to a direct naked flame or other ignition sources, or to solvents or other chemicals. All insulation boards must be kept dry, on pallets and off the ground. The packaging of Bauder Insulation products should not be considered adequate for weather protection. Where there are storage containers on site, these may be suitable for storing products.

#### Packaging material

The product will be delivered in a cardboard box (readily recyclable) containing 288 linear metres of angle fillets.

#### 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 the product, installers should be provided with, and wear, suitable personal protective equipment.



Notified body: FIW München, 0751  
EN 13165



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| <b>Shelf life</b>                                  | When stored correctly, the product has no stated shelf life.   |
| <b>Disposal guidance</b>                           | Rigid polyurethane foam waste can be disposed of with household waste or commercial waste similar to household waste (European waste catalogue EWC number 170604 "Insulation material").   |
| <b>Further information/documents</b>               | Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting <a href="http://www.bauder.co.uk">www.bauder.co.uk</a>  |
| <b>Certification and environmental information</b> | <b>International Standards Organisation (ISO):</b><br><br><b>ISO 9001:2015 Quality Management</b><br>Certificates EN1271 (UK) and 70499/03-15_e (Germany)<br><br><b>ISO 14001:2015 Environmental Management</b><br>Certificates A10552 (UK) and 70499/03-15_d (Germany)<br><br><b>ISO 50001: 2011 Energy Management</b><br>Certificate 70499/03-15_c (Germany) |
| <b>Safety Data Sheet</b>                           | 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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