



EN 13165

12

0751, 1104, 1136 and 0071

DECLARATION OF PERFORMANCE

Sikatherm PIR AL

| | | | | | | | |
|----|----|----|----|------|---|-------|------|
| 02 | 09 | 35 | 01 | 1100 | 0 | 00001 | 1101 |
|----|----|----|----|------|---|-------|------|

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|--|---|
| 1. Product Type: Unique identification code of the product-type: | Sikatherm PIR GT |
| 2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): | Sikatherm PIR GT (Batch nr see packaging) |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: | Thermal insulation for buildings according to EN 13165 Factory made rigid polyurethane foam (PU) products. |
| 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): | Sikatherm PIR GT Sika Limited Watchmead, Welwyn Garden City, Herts, AL7 1BQ. |
| 5. Contact Address: Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): | Not relevant (see 4) |
| 6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V: | System 3 |
| 7. Notified body (hEN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard: | EN 13165:2012 Notified testing laboratory No. 0751, 1104, 0071 and 1136 carried out determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product under system AVCP 3 |

Declaration of Performance



8. Notified body (ETA):
 In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

Not relevant (refer to item 7)

9. Declared performance

| Essential Characteristics | Performance | Test Standard | Harmonised technical specification |
|---|---|----------------------|------------------------------------|
| Reaction to fire | RtF E | EN 13501-1 | EN 13165: 2012 |
| Thermal resistance ((m ² .K)/W) | dN 30mm 1.35 dN 40mm 1.80 dN 50mm 2.25 dN 60mm 2.70 dN 70mm 3.15 dN 80mm 3.60 dN 90mm 4.05 dN 100mm 4.50 dN 110mm 5.00 dN 120mm 5.45 dN 130mm 5.90 dN 140mm 6.35 dN 150mm 6.80 dN 160mm 7.25 | EN 12667 EN 12939 | |
| Thermal conductivity λ _D (W/(m.K)) | 0.022 | | |
| Thickness | dN < 50mm T2; ± 2mm dN 50-75mm T2; ± 3mm dN > 75mm T2; + 5, - 3mm | EN 823 | |
| Compressive Strength | d 30 to 160mm (kPa) CS(10/Y)150 | EN 826 | |
| Tensile Strength | Perpendicular to faces (kPa) TR40 | EN 1607 | |
| Dimensional stability under specified temperature and humidity conditions | 48 h, 70 °C, 90 % R.H. DS(70,90)3 48 h, -20 °C DS(-20,-)1 | EN 1604 | |
| Deformation under specified compressive load and temperature conditions | 40 kPa, 70°C, 168h DLT(2)5 | EN 1605 | |



10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Signed
Dean Grady
Product Manager



Signed
Martin Bidewell
Head of Technical & Product Management

01, 2019

Ecology, Health and Safety Information (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety related data.

Legal note:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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