



Declaration of Performance

Thermarroof® TR26

1000.CPR.2013.TR26.006

Unique identification code of the product-type:
Intended use/es:
Manufacturer:
System/s of AVCP:
Harmonised technical specification:
Notified body/ies:

Thermarroof® TR26
Thermal insulation for buildings
Kingspan Insulation Ltd, Herefordshire HR6 9LA,UK
System 4 (Reaction to fire), System 3 (Other Properties)
BS-EN 13165:2012+A2:2016
FIW München:0751

| Essential characteristics | | Performance |
|---|---|-----------------------------------|
| Thermal resistance | Thermal resistance R_D ((m ² .K)/W) | d_N 20mm 0.95 |
| | | d_N 30mm 1.35 |
| | | d_N 40mm 1.80 |
| d_N 50mm 2.25 | | |
| d_N 60mm 2.70 | | |
| d_N 70mm 3.15 | | |
| d_N 80mm 3.60 | | |
| d_N 90mm 4.05 | | |
| d_N 100mm 4.50 | | |
| d_N 120mm 5.45 | | |
| d_N 130mm 5.90 | | |
| d_N 140mm 6.35 | | |
| d_N 150mm 6.80 | | |
| d_N 160mm 7.25 | | |
| | Thermal conductivity λ_D (W/(m.K)) | d_N 20mm d_N 160mm 0.022 |
| | Thickness tolerance | T2 |
| Reaction to fire | Reaction to fire | F |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability of the reaction to fire of the product as placed on the market | NPD |
| | Durability of thermal resistance and thermal conductivity against ageing/ degradation | NPD |
| Durability of Thermal Resistance against heat, weathering, ageing / degradation | Thermal resistance R_D ((m ² .K)/W) | Thermal resistance as table above |
| | Thermal conductivity λ_D (W/(m.K)) | 0.022 |
| | Durability characteristics | NPD |
| | Dimensional stability under specified temperature and humidity condition | DS(70,90)3 DS(-20,-)1 |
| | Deformation under specified compressive load and temperature conditions | DLT(2)5 |
| | Determination of the aged values of thermal resistance and thermal conductivity | λ_D 0,022 W/m.K |



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|---|--|-------------|
| Compressive strength | Compressive stress or compressive strength | CS(10\Y)150 |
| Tensile / Flexural strength | Tensile strength perpendicular to faces | TR40 |
| Durability of compressive strength against ageing / degradation | Compressive creep | NPD |
| Water permeability | Short term water absorption | NPD |
| | Long term water absorption | NPD |
| | Flatness after one sided wetting | NPD |
| Water vapour permeability | Water vapour transmission | NPD |
| Acoustic absorption index | Sound absorption | NPD |
| Continuous Glowing Combustion | Glowing Combustion | NPD |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD |
| NPD: No Performance Determined | | |

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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Ralph Mannion
Managing Director
Pembridge, England, UK
Date signed: 18 /01/2022
Issue Number: 006

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