

UK Declaration of Performance

EcoTherm Eco-Cavity Full fill

1001.UKDoP.ETECFF.002

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Designated technical specification:

UK Assessment/Notified body/ies:

EcoTherm Eco-Cavity Full Fill

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

University of Salford: 1145, BBA: 0836

| Essential characteristics | | Performance |
|---|---|--|
| Thermal resistance | Thermal resistance R_D ((m ² .K)/W) | dN 90mm 4.05 dN 115mm 5.20 dN 140mm 6.35 |
| | Thermal conductivity λ_D (W/(m.K)) | dN (90mm - 140mm) 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 | NPD |
| Compressive strength | Determination of the aged values of thermal resistance and thermal conductivity | λ_D 0,022 W/m.K |
| | Compressive stress or compressive strength | CS(10\Y)140 |
| Tensile / Flexural strength | Tensile strength perpendicular to faces | NPD |
| 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 | | |

Edge profile – Rebated

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

Signed for and on behalf of the manufacturer by:



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Siobhan O'Dwyer
Managing Director
Selby, England, UK
Date signed: 26/09/2023
Issue Number: 002



For the most up-to-date version of the Declaration of Performance please scan or [click here](#).

To access pre-existing product information or information relating to previously sold/discontinued products please email literature@kingspaninsulation.co.uk

Previously issued under Ecotherm Insulation Ltd transferred to Kingspan Insulation Ltd