

# Declaration of Performance

EcoTherm Eco-Liner

1034.1000.1001.CPR.2013.EL.001

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

**Eco-Liner**  
**Thermal insulation for buildings**  
**EcoTherm Insulation (UK) Ltd, Harvey Road, Burnt Mills Ind Est, Basildon, Essex SS13 1QJ**  
**System 3**  
**BS EN 13950:2014**  
**B.I.T.S NB.1134 University of Salford NB 1145.Exova NB 1104**

| Essential characteristics   |   | Performance                                |       |
|---|---|--|-------|
| Thermal resistance  | Thermal resistance RD ((m <sup>2</sup> .K)/W) | dN 25mm                                    | 1.13  |
|   |   | dN 30mm                                    | 1.35  |
|   |   | dN 40mm                                    | 1.80  |
|   |   | dN 50mm                                    | 2.25  |
| Thermal resistance  | Thermal conductivity λD (W/(m.K))             | dN 60mm                                    | 2.70  |
|   |   | dN 70mm                                    | 3.15  |
|   |   | dN 80mm                                    | 3.60  |
|   |   | Insulation layer                           | 0.022 |
| Thermal resistance  | Thermal conductivity λD (W/(m.K))             | dN 12.5mm Type A plasterboard              | 0.190 |
|   |   | Thickness tolerance                        | +3mm  |
| Closed cell content   |   | CV   |       |
| Reaction to fire  |   | RtF B-s1,d0                                |       |
| Durability of reaction to fire against heat, weathering, ageing / degradation |   | Reaction to fire does not change with time |       |
| Length and Width  | Length  | +8mm or -5mm                               |       |
|   | Width   | ± 5.0 mm                                   |       |
| Offset  | Length  | +8mm or -5mm                               |       |
|   | Width   | ± 5.0 mm                                   |       |
| Adhesion/Cohesion   | perpendicular to main face                    | ≥0.017 MPa                                 |       |
| Flatness  | On Plasterboard face                          | ≤ 5,0 mm                                   |       |
| Flexural strength   | Transverse                                    | ≥160 N                                     |       |
|   | Longitudinal                                  | ≥400 N                                     |       |
| Water vapour resistance factor  |   | NPD  |       |
| Release of dangerous substances to the indoor environment                     |   | No harmonized test method available        |       |
| Continuous glowing combustion   |   | No harmonized test method available        |       |
| 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:



**Richard Burnley**  
**Managing Director**  
**Basildon, UK, 01.12.2015**

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