

# DECLARATION OF PERFORMANCE

No.: 64007-a-CPR\_2014.12.1

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| Unique identification code of the product-type | 64007 – Eurothane Exterior   |
| Intended use/es                                | Thermal insulation for buildings   |
| Manufacturer                                   | Recticel Ltd. – Enterprise Way, Meir Park – Stoke-On-Trent, ST3 7UN - UK                             |
| System/s of AVCP                               | AVCP 3   |
| Harmonised standard                            | EN 13165:2012  |
| Notified body/ies                              | Notified testing laboratory No. NB 0836 & NB 1136 determined the production type under system AVCP3. |

| Essential characteristics   | Performance   |   |
|---|---|---|
|   | (The letters 'NPD' (No Performance Determined) are indicated where no performance is declared.) |   |
| Reaction to fire  | Reaction to fire  | E   |
| Reaction to fire – end use  | Reaction to fire – end use  | NPD   |
| Thermal resistance  | Thermal resistance ( $R_D$ in $m^2K/W$ )  | 0,95 for $d_N$ 25mm<br>3,00 for $d_N$ 79mm<br>3,20 for $d_N$ 80mm<br>4,80 for $d_N$ 120mm |
|   | Thermal conductivity ( $\lambda_D$ in $W/mK$ )  | 0,026 for $d_N$ 25-79mm<br>0,025 for $d_N$ 80-120mm                                       |
| Thickness   | $d_N$ : 25-120 mm   | T2  |
| Compressive strength  | CS(10/Y)150   |   |
| Tensile strength/shear behaviour  | Tensile strength perpendicular to faces:  | TR80  |
|   | Shear strength:   | NPD   |
|   | Shear modulus:  | NPD   |
| Water permeability  | Water absorption  |   |
|   | - short term by partial immersion   | NPD   |
|   | - long term by partial immersion  | NPD   |
|   | - long term by total immersion  | NPD   |
|   | Flatness after one-sided wetting  | NPD   |
| Water vapour permeability   | Water vapour transmission   | NPD   |
| Acoustic absorption index   | Sound absorption  | NPD   |
| Direct airborne sound insulation index  | Sound absorption  | NPD   |
| Continuous glowing combustion   | No harmonized test method available   |   |
| Release of dangerous substances to the indoor environment                     | No harmonized test method available   |   |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Reaction to fire does not change with time  |   |
| Dimensional stability under specified temperature and humidity conditions     | 48h, 70°C, 90% R.H.   | DS(70,90)3  |
|   | 48h, -20°C  | DS(-20,-)1  |
| Deformation under specified compressive load and temperature conditions       | 40 kPa, 70°C, 168h  | NPD   |
| Compressive creep   |   | NPD   |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Wim Giebers – Industrial Manager Recticel Building Insulation  
at Wevelgem on December 1<sup>st</sup> 2014