

According to REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011, laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC

|      |  |   |                                    |
|------|--|---|------------------------------------|
| 1.   | Unique identification code of the product-type:<br>EPS 035 DEO ds<br>EPS-EN 13163-L(3)-W(3)-T(2)-S(5)-P(10)-CS(10)200-BS250-DS(N)5-DLT(2)5<br>Oventrop Item-No.: 1402857, Infill panel   |   |                                    |
| 2.   | Intended use/es:<br>Insulation products for buildings<br>Additional information: Recoated sound insulation board made of polystyrene hard foam (EPS) with PS-foil, nominal thickness: 11   |   |                                    |
| 3.   | <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <b>oventrop</b> </div> <div style="width: 60%;"> <p>Oventrop GmbH &amp; Co. KG<br/>Paul-Oventrop-Straße 1<br/>59939 Olsberg, Germany<br/>Tel.: +49 2962 82 0<br/>Fax: +49 2962 82 402</p> </div> <div style="width: 10%; text-align: right;"> <p>E-Mail: info@oventrop.com<br/>Internet: www.oventrop.com</p> </div> </div> |   |                                    |
| 4.   | Authorised representative:<br>not applicable   |   |                                    |
| 5.   | System/s of assessment and verification of constancy of performance (AVCP):<br>System 3  |   |                                    |
| 6.a) | Harmonised standard:   | EN 13163 - Thermal insulation products for buildings. Factory made expanded polystyrene (EPS) products - specification  |                                    |
|      | Notified body/ies:   | NB 0751 – Forschungsinstitut für Wärmeschutz e.V. (FIW) München   |                                    |
| 6.b) | European Assessment Document:  | not applicable  |                                    |
|      | European Technical Assessment:   | not applicable  |                                    |
| 7.   | Declared performance/s   |   |                                    |
|      | Essential Features   | Performance   | harmonised technical specification |
|      | Thermal conductivity<br>- Thermal resistance $R_D$<br>- Nominal value $\lambda_D$  | $R_D = 0,71 \text{ (m}^2\text{K)/W}$<br>$\lambda_D = 0,034 \text{ W/(m}^2\text{K)}$<br>additional information: design value<br>$\lambda = 0,035 \text{ W/(m}^2\text{K)}$ according to DIN 4108-4 in conjunction with Z-23.15-1402 | EN 13163:2012                      |
|      | compressive strength   | CS(10)200; $\geq 200 \text{ kPa}$   | EN 13163:2012                      |
|      | bending stress   | BS250; $\geq 250 \text{ kPa}$   | EN 13163:2012                      |
|      | dimensional stability in normal climate  | DS(N)5; $\pm 0,5\%$   | EN 13163:2012                      |
|      | deformation at defined pressure and temperature stress   | DLT(2)5; $\leq 5\%$   | EN 13163:2012                      |
|      | Reaction to fire of the base material  | RtF-E<br>Additional information: Base material construction product class B1 (low flammability) according to DIN 4102-1:1998 in conjunction with approval Z-23.15-1402  | EN 13501-1:2010                    |
|      | Fire behaviour Total product   | Construction product class E<br>Notified testing institute 0751 FIW Munich 2013   | EN 13501-1:2010                    |
|      | flame retardant  | polymeric flame retardant   |                                    |

The performance of the product identified above is in conformity with the set of declared performance/s. The declaration of performance is issued, in accordance with Regulation (EU) Nr. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Michael Pehl Head of serial development  
Olsberg, 31.01.2020

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