LINZMEIER
Insulate with system

Declaration of Performance

No.: 004-LICPR-200801

1.	Unique identification code of the product type	LINITHERM PGV 025-026-028 / dh / CS120 / TR50 / E
2.	Type, batch or serial number for the identification of the construction product as required under Article 11 paragraph 4 of EU BauPVO	See label on product
3.	Intended use	Thermal insulation for buildings
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 paragraph 5	LINITHERM Dämmsysteme Linzmeier Bauelemente GmbH Industriestr. 21 88499 Riedlingen, Germany T +49 (0)7371 1806-0 F +49 (0)7371 1806-96 Info@Linzmeier.de www.Linzmeier.de
5.	Where applicable, name and address of the authorised representative whose mandate covers the tasks specified in Article 12 paragraph 2.	--
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of EU BauPVO	System 3
7.	In the case of a Declaration of Performance about a construction product defined in a harmonised standard.	n° 0751 FIW München Lochhamer Schlag 4, 82166 Gräfelfing

8. Declared performance

<table>
<tr><th colspan="2">Essential characteristics</th><th>Performance</th><th>Harmonised technical specification</th></tr>
<tr><td>Thermal resistance</td><td>Thermal resistance</td><td>Table1:
<table>
<tr><th>Nominal thickness d_N [mm]</th><th>R_D [m²K/W]</th><th>Nominal thickness d_N [mm]</th><th>R_D [m²K/W]</th></tr>
<tr><td>10</td><td>0,35</td><td>100</td><td>3,80</td></tr>
<tr><td>20</td><td>0,70</td><td>120</td><td>4,80</td></tr>
<tr><td>30</td><td>1,05</td><td>140</td><td>5,60</td></tr>
<tr><td>40</td><td>1,40</td><td>160</td><td>6,40</td></tr>
<tr><td>50</td><td>1,75</td><td>180</td><td>7,20</td></tr>
<tr><td>60</td><td>2,10</td><td>200</td><td>8,00</td></tr>
<tr><td>70</td><td>2,50</td><td>220</td><td>8,80</td></tr>
<tr><td>80</td><td>3,05</td><td>240</td><td>9,60</td></tr>
</table>
For all thicknesses: calculated using formula
R_D = Nominal thickness d_N / λ_D (round down to 0,05m²K/W)</td><td rowspan="3">EN 13165:2012 +A2:2016</td></tr>
<tr><td></td><td>Thermal conductivity</td><td>d_N < 80mm: λ_D = 0,028 W/m²K
d_N ≥ 80mm < 120mm: λ_D = 0,026 W/m²K
d_N ≥ 120mm: λ_D = 0,025 W/m²K</td></tr>
<tr><td></td><td>Thickness</td><td>d_N = 10 – 240 mm</td></tr>
<tr><td>Reaction to fire</td><td>Reaction to fire</td><td>E</td><td>EN 13501-1</td></tr>
<tr><td>Durability of fire behaviour under the influence of heat, weather, ageing / erosion</td><td>Durability of fire behaviour of the marketed product</td><td>Products made from rigid polyurethane foam do not change their fire behaviour.</td><td rowspan="12">EN 13165:2012 +A2:2016</td></tr>
<tr><td rowspan="5">Durability of thermal resistance under the influence of heat, weather, ageing / erosion</td><td>Thermal resistance and thermal conductivity</td><td>R_D =see Table 1
d_N < 80mm: λ_D = 0,028 W/m²K
d_N ≥ 80mm < 120mm: λ_D = 0,026 W/m²K
d_N ≥ 120mm: λ_D = 0,025 W/m²K</td></tr>
<tr><td>Durability characteristics</td><td>NPD</td></tr>
<tr><td>Dimension stability</td><td>DS(70,90)3
DS(-20,-)2</td></tr>
<tr><td>Deformation under specified compressive load and temperature conditions</td><td>NPD</td></tr>
<tr><td>Determination of the aged value of thermal resistance and thermal conductivity</td><td>d_N = d_N < 80mm: λ_D = 0,028 W/m²K
d_N ≥ 80mm < 120mm: λ_D = 0,026 W/m²K
d_N ≥ 120mm: λ_D = 0,025 W/m²K</td></tr>
<tr><td>Compressive strength</td><td>Compressive stress or compressive strength</td><td>CS(10\Y)120</td></tr>
<tr><td>(Bending) tensile strength</td><td>Tensile strength perpendicular to the surfaces</td><td>TR50</td></tr>
<tr><td>Durability of compressive strength under the influence of ageing / degeneration</td><td>Creep behaviour under compressive strength</td><td>NPD</td></tr>
<tr><td rowspan="2">Water permeability</td><td>Short-term water absorption Long-term water absorption</td><td>NPD</td></tr>
<tr><td>Flatness after one sided wetting</td><td>NPD</td></tr>
<tr><td>Water vapour permeability</td><td>Water vapour transfer</td><td>NPD</td></tr>
<tr><td>Acoustic absorption index</td><td>Acoustic absorption</td><td>NPD</td></tr>
<tr><td>Release of dangerous substances, emission to the indoor environment</td><td>Release of dangerous substances</td><td>NPD</td></tr>
<tr><td>Continuous Glowing combustion</td><td>Glowing combustion</td><td>NPD</td></tr>
</table>

NPD: No performance determined

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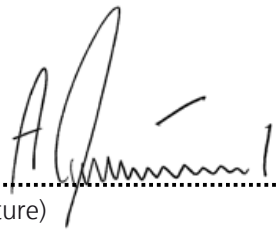
9. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dipl. Ing. Andreas Linzmeier, Managing Director
(name and function)

Riedlingen, 01/08/2020
(place and date of issue)


(signature)