

**Declaration of Performance**  
No. KMI-10.2024-Envertek Converto 70/800

In accordance with Annex III to Regulation (EU) No 305/2011

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| <p>1. Unique identification code of the product-type:<br/><b>Envertek Converto 70/800</b></p> <p>2. Intended use:<br/><b>Thermal insulation for buildings</b></p> <p>3. Manufacturer:<br/><b>Kingspan Mineral Insulation GmbH,</b><br/>Paitzdorfer Straße 62, 07580 Ronneburg</p> | <p>4. Authorized representative:<br/><b>N/A</b></p> <p>5. System or systems of assessment and verification of constancy of performance: AVCP 1 and 3</p> <p>6. Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p>7. Notified certification body or bodies: <b>FIW-München, No 0751</b></p> <p>8. Declared performances: <b>Table 1.</b></p> |
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**Table 1. Declared performances**

Essential characteristics	Requirement clauses	Symbol	Unit	Declared performances
Thermal resistance	Thermal conductivity	$\lambda_D$	W/(mK)	<b>0,039</b>
	Thermal resistance	$R_D$	m <sup>2</sup> K/W	<b>Table 2.</b>
	Thickness	<b>T</b>	Class	<b>T4</b>
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal conductivity	$\lambda_D$	W/(mK)	<b>0,039</b>
	Thermal resistance	$R_D$	m <sup>2</sup> K/W	<b>Table 2.</b>
	Dimensional stability under specified temperature	<b>DS(70,-)</b>	%	<b>NPD</b>
	Dimensional stability under specified temperature and humidity condition	<b>DS(70,90)</b>	%	<b>≤1</b>
Reaction to fire	Reaction to fire Euroclass characteristics	<b>RtF</b>	Euroclass	<b>A1</b>
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire Euroclass characteristics	<b>RtF</b>	Euroclass	<b>A1</b>
Water permeability	Short time water absorption	<b>WS</b>	kg/m <sup>2</sup>	<b>WS</b>
	Long time water absorption	<b>WL(P)</b>	kg/m <sup>2</sup>	<b>NPD</b>
Water vapour permeability	Water vapour transition	<b>MU</b>	-	<b>MU1</b>
Compressive strength	Compressive stress or compressive strength	<b>CS(10)</b>	kPa	<b>70</b>
	Point load	<b>PL(5)</b>	N	<b>800</b>
Tensile/Flexural strength	Tensile strength perpendicular to faces	<b>TR</b>	kPa	<b>10</b>
Durability of compressive strength against ageing/degradation	Compressive creep	<b>CC(i1/i2/y)σ<sub>c</sub></b>	mm	<b>NPD</b>
Impact noise transition index	Dynamic stiffness	<b>S</b>	MN/m <sup>3</sup>	<b>NPD</b>
	Thickness	<b>dL</b>	mm	<b>NPD</b>
		<b>dB</b>	mm	<b>NPD</b>
	Compressibility	<b>C</b>	mm	<b>NPD</b>
Direct airborne sound insulation index	Air flow resistivity	<b>AFr</b>	kPa·s/m <sup>2</sup>	<b>NPD</b>
Acoustic absorption index	Sound absorption	<b>α<sub>p</sub>, α<sub>w</sub></b>	-	<b>NPD</b>
Release of dangerous substances to the indoor	Release of dangerous substances	-	-	<b>NPD</b>
Continuous glowing combustion	Continuous glowing combustion	-	-	<b>NPD</b>

**Table 2. Thermal resistance**

Thickness[mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
$R_D$ [m <sup>2</sup> K/W]	-	-	-	-	1,25	1,50	1,75	2,05	2,30	2,55	2,80	3,05	3,30	3,55	3,80
Thickness[mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
$R_D$ [m <sup>2</sup> K/W]	4,10	4,35	4,60	4,85	5,10	-	-	-	-	-	-	-	-	-	-

8. The performance of the product identified above is consistent with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

Name:  Kenneth George Münro

Place and date of issue: Ronneburg, 09.10.2024