

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0653/CM/20/w1

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| <p>1. Unique identification code of the product-type:<br/><b>RW-CEE-0653</b></p> <p>2. Intended use/es: <b>Thermal insulation products for buildings (ThIB).</b></p> <p>3. Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,</b><br/>ul. Kwiatowa 14, 66-131 Cigacice.</p> | <p>4. System/s of AVCP: <b>System 1 and System 3</b></p> <p>Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p>5. Notified body No <b>1390</b></p> <p>6. Declared Performance/s: in the Table 1 and Table 2.</p> |
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**Table 1**

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance $R_0$ and $d_{th}$ thermal conductivity $\lambda_0$ Ti <sup>a)</sup> Thickness	see Table 2 0,036 W/mK T3	EN 13162:2012+A1:2015
Reaction to fire	Euroclasses – Reaction to fire (RtF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics Reaction to fire (RtF) product <sup>2)</sup>	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance $R_0$ and thermal conductivity $\lambda_0$ (W/mK) <sup>2)</sup> Durability characteristics	see Table 2 0,036 W/mK NPD	
Compressive strength	Compressive stress CS(10) <sup>a)</sup> , CS(10/Y) <sup>a)</sup> (kPa) Point load PL(5) <sup>a)</sup> (N)	NPD NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>a)</sup> (kPa)	NPD	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
Water permeability	Short term water absorption WS ( $\leq 1$ kg/m <sup>2</sup> ) Long term water absorption WL(P) ( $\leq 3$ kg/m <sup>2</sup> )	WS NPD	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	Dynamic stiffness SD <sup>a)</sup> Thickness, $d_t$ Compressibility $c$ Air flow resistivity AFR <sup>a)</sup>	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption AW <sup>a)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AFR <sup>a)</sup>	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	

<sup>1)</sup> No performance determined (NPD); <sup>2)</sup> no change with time; <sup>a)</sup> "a)" indicates relevant class of level or declared value.

**Table 2**

$d_{th}$ (mm)	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-	-
$R_0$ (m <sup>2</sup> K/W)	0,55	0,80	1,10	1,35	1,65	1,90	2,20	2,50	2,75	3,05	3,30	3,60	3,85	4,15	4,40	4,70	5,00	5,25	5,55	-	-	-

This declaration of performance is available on the website [dop.rockwool.com](http://dop.rockwool.com)

The performance of the product identified above is in conformity 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 for and on behalf of the manufacturer by:

Halina Ozon

Cigacice, 2020-06-20

