

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0645/CB/20/w1

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| <p>1. Unique identification code of the product-type:<br/><b>RW-CEE-0645</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.,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</b></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 ITC Divize CSI - Centrum stavebního inženýrství</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 $R_D$ and $d_{t1}$ thermal conductivity $\lambda_D$ $T_i$ <sup>a)</sup> Thickness	see Table 2 0,037 W/mK T4	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 $R_D$ and thermal conductivity $\lambda_D$ (W/mK) <sup>2)</sup> Durability characteristics	see Table 2 0,037 W/mK NPD	
Compressive strength	Compressive stress $CS(10)^{i^{a)}}$ , $CS(10/Y)^{i^{a)}}$ (kPa) Point load $PL(5)^{i^{a)}}$ (N)	NPD NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces $TR^{i^{a)}}$ (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> )	NPD NPD	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness $SD^{i^{a)}}$ Thickness, $d_t$ Compressibility $c$ Air flow resistivity $AFr^{i^{a)}}$	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption $AW^{i^{a)}}$		
Direct airborne sound insulation index	Air flow resistivity $AFr^{i^{a)}}$	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> "i" indicates relevant class of level or declared value;

Table 2

$d_N$ (mm)	-	-	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125
$R_D$ (m <sup>2</sup> K/W)	-	-	0,80	0,90	1,05	1,20	1,35	1,45	1,60	1,75	1,85	2,00	2,15	2,25	2,40	2,55	2,70	2,80	2,95	3,10	3,20	3,35
$d_{t1}$ (mm)	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	-	-	-	-	-	-	-
$R_D$ (m <sup>2</sup> K/W)	3,50	3,60	3,75	3,90	4,05	4,15	4,30	4,45	4,55	4,70	4,85	5,00	5,10	5,25	5,40	-	-	-	-	-	-	-

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, 2020-05-20

