

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0175/M/19/w1

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| <p><b>1.</b> Unique identification code of the product-type:<br/><b>RW-CEE-0175</b></p> <p><b>2.</b> Intended use: Thermal insulation products for buildings (ThIB).</p> <p><b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.</b>,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</p> | <p><b>4.</b> System/s of AVCP: <b>System 1 and System 3</b></p> <p>Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p><b>5.</b> Notified body No 1390 <b>Centrum stavebního inženýrství a.s. Praha.</b></p> <p><b>6.</b> Declared Performance in the Table 1 and Table 2:<br/><b>MW-EN 13162-T5-DS(70,90)-CS(10)20-TR10-WS-WL(P)-MU1</b></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 $d_n$ thermal conductivity $\lambda_0$ $T_i$ <sup>a)</sup> Thickness	see Table 2 0,036 W/mK T5	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 DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>i</sup> <sup>a)</sup> , CS(10/Y) <sup>i</sup> <sup>a)</sup> (kPa) Point load PL(5) <sup>i</sup> <sup>a)</sup> (N)	CS(10)20 NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>i</sup> <sup>a)</sup> (kPa)	TR10	
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 WL(P)	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	Dynamic stiffness SD <sup>i</sup> <sup>a)</sup> Thickness, $d_i$ Compressibility $c$ Air flow resistivity AFR <sup>i</sup> <sup>a)</sup>	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption AW <sup>i</sup> <sup>a)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AFR <sup>i</sup> <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> "i" indicates relevant class of level or declared value.

Table 2

$d_n$ (mm)	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280
$R_0$ (m <sup>2</sup> K/W)	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	5.80	6.10	6.35	6.65	6.90	7.20	7.50	7.75

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, 2019-08-12

