

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0177/M/19/w1

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|---|---|
| <b>1.</b> Unique identification code of the product-type:<br><b>RW-CEE-0177</b>               | <b>4.</b> System/s of AVCP: <b>System 1 and System 3</b><br><br>Harmonised standard: <b>EN 13162:2012+A1:2015</b>         |
| <b>2.</b> Intended use: <b>Thermal insulation products for buildings (ThIB).</b>              | <b>5.</b> Notified body No <b>1390 Centrum stavebního inženýrství a.s. Praha.</b>   |
| <b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o., ul. Kwiatowa 14, 66-131 Cigacice.</b> | <b>6.</b> Declared Performance in the Table 1 and Table 2:<br><b>MW-EN 13162-T5-DS(70,90)-CS(10Y)20-TR15-WS-WL(P)-MU1</b> |

**Table 1**

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance $R_D$ and $d_N$ thermal conductivity $\lambda_D$	see Table 2 0,037 W/mK	EN 13162:2012+A1:2015
	$T_i$ <sup>a)</sup> Thickness	T5	
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>	see Table 2 0,037 W/mK	
	Durability characteristics	DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>a)</sup> , CS(10/Y) <sup>a)</sup> (kPa)	CS(10Y)20	
	Point load PL(5) <sup>a)</sup> (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>a)</sup> (kPa)	TR15	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
Water permeability	Short term water absorption WS ( $\leq 1$ kg/m <sup>2</sup> )	WS	
	Long term water absorption WL(P) ( $\leq 3$ kg/m <sup>2</sup> )	WL(P)	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	Dynamic stiffness SD <sup>a)</sup>	NPD	
	Thickness, $d_L$	NPD	
	Compressibility c	NPD	
	Air flow resistivity AF <sub>r</sub> <sup>a)</sup>	NPD	
Acoustic absorption index	Sound absorption AW <sup>a)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AF <sub>n</sub> <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> "T" indicates relevant class of level or declared value.

**Table 2**

$d_N$ (mm)	50	60	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-	-	-	-	-
$R_D$ (m <sup>2</sup> K/W)	1,35	1,60	2,15	2,40	2,70	2,95	3,20	3,50	3,75	4,05	4,30	4,55	4,85	5,10	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, 2019-08-12

