

DECLARATION OF PERFORMANCE RW-PL/G-DoP-/T/1049/24/w1

- Unique identification code of the product-type:
RW-PL-G-1049-I
- Intended use: **Thermal insulation products for buildings (ThIB).**
- Manufacturer: **ROCKWOOL® Hungary Kft., H-8300 Tapolca, Keszthelyi út 53.**
- System/s of AVCP: **System 1 and System 3**
- Harmonised standard: **EN 13162:2012+A1:2015**
Notified body No: **Építészeti Minőségellenőrző Innovációs Nonprofit Kft. (1415).**
- Declared Performance in the Table 1 and Table 2:
MW-EN 13162-T5-DS(70,-)-DS(70,90)-CS(10)40-TR10-PL(5)400-WS-WL(P)-MU1

Table 1

Essential Characteristics	Performance	Declared value / NPD ¹⁾	Harmonized technical specification
Thermal resistance	Thermal resistance R_D and thermal conductivity λ_D	see Table 2 0.038 W/mK	EN 13162:2012+A1:2015
Reaction to fire	Ti ^{a)} Thickness Euroclasses – reaction to fire (RtF) product	T5 A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation ²⁾	Durability characteristics Reaction to fire (RtF) product	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation ²⁾	Thermal resistance R_D and thermal conductivity λ_D (W/mK)	see Table 2 0.038 W/mK	
Compressive strength	Durability characteristics	DS(70,-) DS(70,90)	
Tensile / Flexural strength	Compressive stress $CS(10)_{i^{(a)}}$, $CS(10/Y)_{i^{(a)}}$ (kPa)	CS(10)40	
Durability of compressive strength against ageing/ degradation	Point load $PL(5)_{i^{(a)}}$ (N)	400	
Water permeability	Tensile strength perpendicular to faces $TR_{i^{(a)}}$ (kPa)	TR10	
Water vapour permeability	Compressive creep	NPD	
Impact noise transmission index (for floors)	Short term water absorption $WS (\leq 1 \text{ kg/m}^2)$	WS	
Acoustic absorption index	Long term water absorption $WL(P) (\leq 3 \text{ kg/m}^2)$	WL(P)	
Direct airborne sound insulation index	Water vapour transmission Water vapour diffusion resistance factor	MU1	
Continuous glowing combustion	Dynamic stiffness $SD_{i^{(a)}}$	NPD	
Release of dangerous substances to the indoor environment	Thickness, d_L	NPD	
	Compressibility c	NPD	
	Air flow resistivity $AF_{i^{(a)}}$	NPD	
	Sound absorption $AW_{i^{(a)}}$	NPD	
	Air flow resistivity $AF_{i^{(a)}}$	NPD	
	Continuous glowing combustion	NPD	
	Release of dangerous substances to the indoor environment	NPD	

¹⁾ No performance determined (NPD); ²⁾ no change with time; a) "i" indicates relevant class of level or declared value;

Table 2

		Thermal resistance, R_D																		
d(mm)		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
$R_D(m^2K/W)$		-	-	-	-	1.55	1.80	2.10	2.35	2.60	2.85	3.15	3.40	3.65	3.90	4.20	4.45	4.70	5.00	5.25

NOTE: R value for thickness not seen in Table 2, is available on product label
This declaration of performance is available on the website 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:

Katalin Pál

Quality assurance and Environmental Manager

(Name, function)

Tapolca, 09.02.2024.

(Place, date)

ROCKWOOL® Hungary Kft.
H-8300 Tapolca,
Keszthelyi út. 53.
Magyarország



(Signature)