

Declaration of Performance

N° RW-CEE-DoP-0154/CM/23/w1

1. Unique identification code of the product-type:	RW-CEE-0154
2. Intended use/s:	Thermal insulation for buildings
3. Authorised representative:	ROCKWOOL Polska, Kwiatowa 14, 66-131, Cigacice, Poland
4. System/s of AVCP:	
5. Harmonised standard:	EN 13162:2012 +A1 2015 Issued on 28 February 2013
6. Notified body/ies:	1023
7. Declared performance/s:	Please refer to the table below (NPD – No Performance Determined)

Table 1

Essential Characteristics	Requirement clauses in this European Standard	Declared value		Harmonized technical specification
		40-79	80-200	EN 13162:2012 +A1 2015 Issued on 28 February 2013
Thermal Resistance	4.2.1 Thermal resistance R_d and d_N thermal conductivity λ_D 4.2.3 Thickness, T_i	See table 2 0.040 0.039 T4		
Reaction to fire	4.2.6 Reaction to fire - Euroclasses	A1		
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics Reaction to fire(RtF) product ^{a)}	A1		
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance R_D and thermal conductivity λ_D ^{b)} 4.2.7 Durability characteristics	See table 2 0.040 0.039 DS (70,90)		
Compressive strength	4.3.3 Compressive stress or compressive strength 4.3.5 Point load	CS(10)40 PL(5)350 PL(5)400		
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces ^{d)}	TR7,5		
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	NPD		
Water permeability	4.3.7.1 Short term water absorption WS 4.3.7.2 Long term water absorption WL(P)	WS WL(P)		
Water vapour permeability	4.3.8 Water vapour transmission and Water vapour diffusion resistance factor	MU1		
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness, SD_i 4.3.10.2 Thickness, d_k 4.3.10.4 Compressibility, c 4.3.12 Air flow resistivity, AF_{fi}	See table 2 NPD NPD NPD		
Acoustic absorption index	4.3.11 Sound absorption, AW_i	See table 2		
Direct airborne sound insulation index	4.3.12 Air flow resistivity, AF_{fi}	NPD		
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances ^{e)}	NPD		
Continuous glowing combustion	4.3.15 Continuous glowing combustion ^{e)}	NPD		

^{a)} No change in reaction to fire properties for MW products.

The fire performance of MW does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

^{b)} Thermal conductivity of MW products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

^{c)} For dimensional stability thickness only.

^{d)} This characteristic also covers handling and installation.

^{e)} European test methods are under development.

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Table 2

Thickness	Thermal resistance	Dynamic Stiffness	Sound Absorption
40	1.00	NPD	NPD
50	1.25	NPD	NPD
60	1.50	NPD	NPD
70	1.75	NPD	NPD
80	2.05	NPD	NPD
90	2.30	NPD	NPD
100	2.55	NPD	NPD
110	2.80	NPD	NPD
120	3.05	NPD	NPD
130	3.30	NPD	NPD
140	3.55	NPD	NPD
150	3.80	NPD	NPD
160	4.10	NPD	NPD
170	4.35	NPD	NPD
180	4.60	NPD	NPD
190	4.85	NPD	NPD
200	5.10	NPD	NPD

The performance of the product identified above is in conformity with the set of declared performances. 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, 07-09-2023