

Panrock 140

1. Unique identification code of the product-type:
MW-EN 13162-T4-CS(10)5-TR1-WL(P)-MU1-AFr43
2. Intended use: Thermal insulation for buildings
3. Manufacturer:
DEUTSCHE ROCKWOOL
GmbH & Co. KG
Rockwool Straße 37-41
45966 Gladbeck
Germany
4. Authorized representative, appointed to provide availability of our performance declarations on our

- website
dop.rockwool.com:
ROCKWOOL International A/S
Hovedgaden 584
2640 Hedehusene
Dänemark
5. System/s of AVCP: Systems 1 and 3
 6. Harmonised standard: EN 13162:2012+A1:2015
Notified body/ies – FIW-München (0751) –
 7. Declared performance/s see table/s:

Table 1

Requirement/Characteristic from the mandate	Requirement clauses in this European Standard ^{f)}	Performance	Unit	hEN
Reaction to fire	4.2.6 Reaction to fire	A1	-	Harmonized technical specification EN 13162:2012+A1:2015
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances ^{e)}	NPD*)	-	
Acoustic absorption index	4.3.11 Sound absorption	NPD*)	-	
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	NPD*)	MN/m ³	
	4.3.10.2 Thickness, d _L	NPD*)	mm	
	4.3.10.4 Compressibility c	NPD*)	-	
	4.3.12 Air flow resistivity	NPD*)	kPa·s/m ²	
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AFr43	kPa·s/m ²	
Continuous glowing combustion	4.3.15 Continuous glowing combustion ^{e)}	NPD*	-	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	see table 2 λ _D 0,04	W/(m·K)	
	4.2.3 Thickness Tolerance class	see table 2 T4	mm -	
Water permeability	4.3.7.1 Short term water absorption or	NPD*)	kg/m ²	
	4.3.7.2 Long term water absorption	WL(P)		
Water vapour permeability	4.3.8 Water vapour transmission	MU1	-	
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10)5	kPa	
	4.3.5 Point load	NPD*)	N	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics ^{a)}	NPD*)	-	
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity ^{b)}	see table 2 λ _D 0,04	W/(m·K)	
	4.2.7 Durability characteristics ^{c)}	NPD*) NPD*)	-	
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces ^{d)}	TR1	kPa	
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	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.
^{f)} Also valid and applicable for multilayers.
*) NPD = No performance determined
¹⁾ NoS = the product shows does not show propensity for continuous smouldering combustion

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Table 2

Thickness dN [mm]	Thermal resistance RD [m ² K/W]
60	1,50
...	Intermediate thickness are to be interpolated
160	4,00

8. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Gladbeck, 04-16-21

Signed for and on behalf of the manufacturer by:



Volker Christmann
Managing Director (Vors. Geschäftsführer)



Rob Meevis
Finance Director (Geschäftsführer)