

Conrock Q5

1. Unique identification code of the product-type:
MW-EN 13162-T5-CS(Y)i-TRI-WL(P)-MU1-SSi
2. Intended use: Thermal insulation for buildings
3. Manufacturer:
DEUTSCHE ROCKWOOL
Mineralwoll GmbH & Co. OHG
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.

a. Harmonised standard: EN 13162:2013

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	Performance	Unit	hEN
Reaction to fire	4.2.6 Reaction to fire	A1	-	Harmonized technical specification DIN EN 13162:2013-03
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	NPD ¹⁾	-	
Acoustic absorption index	4.3.11 Sound absorption	NPD ¹⁾	-	
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	NPD ¹⁾	MN/m ³	
	4.3.10.2 Thickness, d_L	NPD ¹⁾	mm	
	4.3.10.4 Compressibility c	NPD ¹⁾	-	
	4.3.12 Air flow resistivity	NPD ¹⁾	kPa·s/m ²	
Direct airborne sound insulation index	4.3.12 Air flow resistivity	NPD ¹⁾	kPa·s/m ²	
Continuous glowing combustion	4.3.15 Continuous glowing combustion	NPD ¹⁾	-	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	λ_D 0,043	W/(m·K)	
	4.2.3 Thickness Tolerance class	see table 3 T5	mm -	
Water permeability	4.3.7.1 Short term water absorption or	NPD ¹⁾	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	see table 2	kPa	
	4.3.5 Point load	NPD ¹⁾	N	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics ^{a) b)}	NPD ¹⁾	-	
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity ^{c)}	λ_D 0,043	W/(m·K)	
	4.2.7 Durability characteristics ^{d)}	NPD ¹⁾ NPD ¹⁾	-	
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces ^{e)}	see table 2	kPa	
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	NPD ¹⁾	-	

^{a)} No change in reaction to fire properties for mineral wool products. ^{b)} The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time. ^{c)} Thermal conductivity of mineral wool 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. ^{d)} For dimensional stability thickness only. ^{e)} This characteristic also covers handling and installation.

¹⁾ NPD = No performance determined

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Unsere Geschäftsbeziehungen mit unseren Partnern und unseren Leistungserklärungen liegen stets unsere Allgemeinen Verkaufs-, Lieferungs- und Zahlungsbedingungen in der jeweils neuesten Fassung zugrunde, die Sie unter www.rockwool.de finden. Auf Anfrage senden wir Ihnen die AGBs auch gerne zu.

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Table 2

Thickness [mm]	Compressive stress CS(Y) [kPa]	Delamination strength TR [kPa]	Shear strength SS [kPa]
30 - 120	70	70	60
121 - 202	60	60	50

Table 3

Thickness [mm]	Thermal resistance RD [m² K/W]
30	0,65
...	Interim values have to be interpolated
202	4,65

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, 08-11-15

Signed for and on behalf of the manufacturer by:

Volker Christmann
Managing Director (Vors. Geschäftsführer)

Rob Meevis
Finance Director (Geschäftsführer)

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