

# Conrock Q7

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<br>DIN EN 13162:2013-03 |
| Release of dangerous substances to the indoor environment                     | 4.3.13 Release of dangerous substances                                       | NPD*)                | -                    |  |
| Acoustic absorption index   | 4.3.11 Sound absorption  | NPD*)                | -                    |  |
| Impact noise transmission index (for floors)                                  | 4.3.9 Dynamic stiffness  | NPD*)                | MN/m <sup>3</sup>    |  |
|   | 4.3.10.2 Thickness, d <sub>L</sub>   | NPD*)                | mm                   |  |
|   | 4.3.10.4 Compressibility c   | NPD*)                | -                    |  |
|   | 4.3.12 Air flow resistivity  | NPD*)                | kPa s/m <sup>2</sup> |  |
| Direct airborne sound insulation index  | 4.3.12 Air flow resistivity  | NPD*)                | kPa s/m <sup>2</sup> |  |
| Continuous glowing combustion   | 4.3.15 Continuous glowing combustion   | NPD*)                | -                    |  |
| Thermal resistance  | 4.2.1 Thermal resistance and thermal conductivity                            | λ <sub>D</sub> 0,046 | W/(m·K)              |  |
|   | 4.2.3 Thickness<br>Tolerance class   | see table 3<br>T5    | mm<br>-              |  |
| Water permeability  | 4.3.7.1 Short term water absorption or<br>4.3.7.2 Long term water absorption | NPD*)<br>WL(P)       | kg/m <sup>2</sup>    |  |
| Water vapour permeability   | 4.3.8 Water vapour transmission  | MU1                  | -                    |  |
| Compressive strength  | 4.3.3 Compressive stress or<br>compressive strength                          | see table 2          | kPa                  |  |
|   | 4.3.5 Point load   | NPD*)                | N                    |  |
| Durability of reaction to fire against heat, weathering, ageing/degradation   | 4.2.7 Durability characteristics <sup>a) b)</sup>                            | NPD*)                | -                    |  |
| Durability of thermal resistance against heat, weathering, ageing/degradation | 4.2.1 Thermal resistance and thermal conductivity <sup>c)</sup>              | λ <sub>D</sub> 0,046 | W/(m·K)              |  |
|   | 4.2.7 Durability characteristics <sup>c)</sup>                               | NPD*)<br>NPD*)       | -                    |  |
| Tensile/Flexural strength   | 4.3.4 Tensile strength perpendicular to faces <sup>e)</sup>                  | see table 2          | kPa                  |  |
| Durability of compressive strength against ageing/degradation                 | 4.3.6 Compressive creep  | NPD*)                | -                    |  |

<sup>a)</sup> No change in reaction to fire properties for mineral wool products. <sup>b)</sup> 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. <sup>c)</sup> 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. <sup>d)</sup> For dimensional stability thickness only. <sup>e)</sup> This characteristic also covers handling and installation.  
\*)NPD = No performance determined

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**ROCKWOOL®**  
DÄMT PERFEKT & BRENNT NICHT

Unseren 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](http://www.rockwool.de) finden. Auf Anfrage senden wir Ihnen die AGBs auch gerne zu.

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Table 2

| Thickness<br>[mm] | Compressive stress<br>CS(Y) [kPa] | Delamination strength<br>TR [kPa] | Shear strength<br>SS [kPa] |
|-------------------|-----------------------------------|-----------------------------------|----------------------------|
| 30 - 120          | 90                                | 90                                | 80                         |
| 121 - 160         | 80                                | 70                                | 60                         |
| 161 - 202         | 60                                | 50                                | 40                         |

Table 3

| Thickness<br>[mm] | Thermal resistance<br>RD [m <sup>2</sup> K/W] |
|-------------------|---|
| 30                | 0,65  |
| ...               | Interim values have to be interpolated        |
| 202               | 4,35  |

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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