

EC-CERTIFICATE OF CONFORMITY

0751-CPD.2-007.0-03-01/12

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Factory made mineral wool (MW) products

as thermal insulation products for building equipment and industrial installations
for uses subject to regulations on reaction to fire

(product parameters and classes, description of the product, the declaration and the use of the product
is presented in the annex)

placed on the market by

Rockwool Technical Insulation
Delfstoffenweg 2
6045 JH Roermond / Netherlands

and produced in the factory

Deutsche Rockwool Mineralwoll GmbH & Co. OHG
Ruhrstraße 13
86633 Neuburg / Germany

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body

0751 - Forschungsinstitut für Wärmeschutz e.V. München

has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 14303:2009
with the Annex B and C of EN 13172:2008
and Section 5 of EN ISO 13787:2003

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on June 29, 2012 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the Factory Production Control itself are not modified significantly.

Gräfelfing, June 29, 2012



Head of Certification Body


Dr.-Ing. Martin Zeitler

A publication of extracts or a referring to the EC-Certificate of conformity and its annex requires the prior written approval of FIW München.

Information of the validity of the certificate is available at www.fiw-muenchen.de



Factory: **Deutsche Rockwool Mineralwoll GmbH & Co. OHG, Ruhrstraße 13, 86633 Neuburg, Germany**
 Construction product(s): **Factory made mineral wool (MW) products according to EN 14303:2009**
 Intended use: **Thermal insulation products for building equipment and industrial installations**
 Level(s) or class(es) reaction to fire: **for uses subject to regulations on reaction to fire A1/A2. Products for which a clearly identifiable stage in the production process results in an improvement of the reaction to fire classification by limiting of organic material**
 Attestation of conformity system: **1**

Table 1: Designation and description of the products

No.	Product				Nominal thickness in mm	Product data sheet		Reaction to fire class EN 13501-1	Designation code	Thermal conductivity according Table 2a/b	Additional performance **)
	Form	Type (old)	Description	produced on		Name	Dated				
1	Wired Mat	ProRox WM 940 (ProRox WM 70) ProRox WM 940 S (ProRox WM 70 S) ProRox WM 940 SW (ProRox WM 70 SW) *)	Non-combustible mineral wool wired mat with galvanized or stainless steel mesh and stitching wire	NEU 4	30 – 120 Load: 1000 Pa	PDS 051	21.05.12	A1	MW EN 14303-T2-ST(+)-580-WS1-CL10	TC1	acoustic
2	Wired Mat	ProRox WM 950 (ProRox WM 80) ProRox WM 950 S (ProRox WM 80 S) ProRox WM 950 SW (ProRox WM 80 SW) *)	Non-combustible mineral wool wired mat with galvanized or stainless steel mesh and stitching wire	NEU 4	30 – 120 Load: 1000 Pa	PDS 052	21.05.12	A1	MW EN 14303-T2-ST(+)-640-WS1-CL10	TC2	acoustic
3	Wired Mat	ProRox WM 960 (ProRox WM 100) ProRox WM 960 S (ProRox WM 100 S) ProRox WM 960 SW (ProRox WM 100 SW) *)	Non-combustible mineral wool wired mat with galvanized or stainless steel mesh and stitching wire	NEU 4	30 – 120 Load: 1000 Pa	PDS 053	21.05.12	A1	MW EN 14303-T2-ST(+)-660-WS1-CL10	TC3	acoustic



No	Product				Nominal thickness in mm	Product data sheet		Reaction to fire class EN 13501-1	Designation code	Thermal conductivity according Table 2a/b	Additional performance **)
	Form	Type (old)	Description	produced on		Name	dated				
4	Wired Mat	ProRox WM 970 (ProRox WM 128) ProRox WM 970 S (ProRox WM 128 S) ProRox WM 970 SW (ProRox WM 128 SW *)	Non-combustible mineral wool wired mat with galvanized or stainless steel mesh and stitching wire	NEU 4	30 – 120 Load: 1000 Pa	PDS 054	21.05.12	A1	MW EN 14303-T2-ST(+) 680-WS1-CL10	TC4	acoustic
5	Wired Mat	ProRox WM 980 (ProRox WM HT) ProRox WM 980 S (ProRox WM HT S) ProRox WM 980 SW (ProRox WM HT SW *)	Non-combustible mineral wool wired mat with galvanized or stainless steel mesh and stitching wire	NEU 4	100 Load: 1000 Pa	PDS 055	21.05.12	A1	MW EN 14303-T2-ST(+) 720-WS1-CL10	TC5	acoustic
6	Slab	ProRox SL 930 ^D (RTP-W)	Non-combustible mineral wool slab	NEU 5	40 – 160 Load: 50 Pa	PDS 056	21.05.12	A1	MW EN 14303-T4(T3 if t<60)-ST(+) 350-WS1-CL10	TC6	acoustic
7	Slab	ProRox SL 950 ^D (RPB-9)	Non-combustible mineral wool slab	NEU 5	30 – 120 Load: 50 Pa	PDS 057	21.05.12	A1	MW EN 14303-T4(T3 if t<60)-ST(+) 640-WS1-CL10	TC7	acoustic
8	Slab	ProRox SL 970 ^D (RPB-12)	Non-combustible mineral wool slab	NEU 5	30 – 120 Load: 250 Pa	PDS 058	21.05.12	A1	MW EN 14303-T4(T3 if t<60)-ST(+) 680-WS1-CL10	TC8	acoustic

No.	Product				Nominal thickness in mm	Product data sheet		Reaction to fire class EN 13501-1	Designation code	Thermal conductivity according Table 2a/b	Additional performance **)
	Form	Type (old)	Description	produced on		Name	Dated				
9	Slab	ProRox SL 980 ^D (RPB-15)	Non-combustible mineral wool slab	NEU 5	30 – 120 Load: 250 Pa	PDS 059	21.05.12	A1	MW EN 14303-T4(T3 if t<40)-ST(+)-700-WS1-CL10	TC9	acoustic
10	Lamella Mat	ProRox MA 520 ALU (Duraflex)	Non-combustible mineral wool lamella mat onto reinforced aluminium foil, compression-resistant	NEU 5 Offline	30 – 130 Load: 250 Pa	PDS 060	21.05.12	A1	MW EN 14303-T3-ST(+)-500-CS(10)10-WS1-MV2-CL10	TC10	acoustic
11	Pipe Section	Rockwool 800	Non-combustible mineral wool circular pipe section covered with reinforced aluminium foil	NEU 5 CIR 1	20 – 40 Length: 1000 mm Inside diameter: 15 – 48 mm	10.1001.3	06/2012	D _o ≤ 300 mm A2 _L -s1,d0 D _o > 300 mm A2-s1,d0	MW-EN 14303-T9(T8 if D _o <150)-ST(+)-250-WS1-MV2-CL10	TC11	acoustic
12	Lamella Mat	Rockwool Klimarock	Non-combustible mineral wool lamella mat onto reinforced aluminium foil	NEU 5 Offline	20 -100 Load: 250 Pa	10.1002.3	06/2012	A1	MW EN 14303-T3-ST(+)-250-WS1-MV2-CL10	TC12	acoustic

*) S: galvanized steel mesh and stainless wire, SW: stainless steel mesh and stainless wire

**) acoustic = Airflow resistivity according to EN 29053 > 5 kPa-s/m² (informative)

t = thickness in mm

D_o = outer diameter



**Table 2a: Declared values of thermal conductivity $\lambda_{N,P}$ in W/(m·K) according EN 13787
 Guarded Hot Plate, based on test results of EN 12667 and CEN/TS 15548-1**

Thermal Conductivity $\lambda_{N,P}$ in W/(m·K)	Product Type (old)	Temperature ϑ in °C											$\lambda_{N,P}^{ST(+)}$
		50	100	150	200	250	300	350	400	500	600	700	
TC1	ProRox WM 940 (ProRox WM 70) ProRox WM 940 S (ProRox WM 70 S) ProRox WM 940 SW (ProRox WM 70 SW)	0,040	0,047	0,056	0,067	0,080	0,094	0,111	0,130	0,173	-	-	0,212 ⁵⁸⁰
TC2	ProRox WM 950 (ProRox WM 80) ProRox WM 950 S (ProRox WM 80 S) ProRox WM 950 SW (ProRox WM 80 SW)	0,039	0,045	0,053	0,062	0,072	0,084	0,097	0,112	0,146	0,192	-	0,213 ⁶⁴⁰
TC3	ProRox WM 960 (ProRox WM 100) ProRox WM 960 S (ProRox WM 100 S) ProRox WM 960 SW (ProRox WM 100 SW)	0,039	0,045	0,052	0,059	0,068	0,078	0,089	0,102	0,131	0,167	-	0,191 ⁶⁶⁰
TC4	ProRox WM 970 (ProRox WM 128) ProRox WM 970 S (ProRox WM 128 S) ProRox WM 970 SW (ProRox WM 128 SW)	0,040	0,045	0,051	0,058	0,066	0,075	0,085	0,096	0,123	0,157	-	0,188 ⁶⁸⁰
TC5	ProRox WM 980 (ProRox WM HT) ProRox WM 980 S (ProRox WM HT S) ProRox WM 980 SW (ProRox WM HT SW)	0,042	0,047	0,054	0,062	0,071	0,081	0,093	0,106	0,137	0,174	-	0,228 ⁷²⁰
TC6	ProRox SL 930 ^D (RTP-W)	0,040	0,049	0,059	0,070	0,085	0,103	0,122					
TC7	ProRox SL 950 ^D (RPB-9)	0,039	0,045	0,053	0,062	0,073	0,084	0,097	0,122	0,144	0,185		0,203 ⁶⁴⁰



Thermal Conductivity $\lambda_{N,P}$ in W/(m·K)	Product Type (old)	Temperature ϑ in °C											
		50	100	150	200	250	300	350	400	500	600	700	$\lambda_{N,P}^{ST(+)}$
TC8	ProRox SL 970 ^D (RPB-12)	0,041	0,046	0,052	0,059	0,068	0,077	0,087	0,099	0,128	0,162	-	0,196 ⁶⁸⁰
TC9	ProRox SL 980 ^D (RPB-15)	0,040	0,044	0,049	0,055	0,062	0,069	0,077	0,086	0,106	0,130	0,158	
TC10	ProRox MA 520 ALU (Duraflex)	0,044	0,053	0,064	0,077	0,092	0,110	0,132	0,156	0,216			
		10	50	100	150	200	250						
TC12	Rockwool Klimarock	0,038	0,047	0,060	0,075	0,093	0,114						





**Table 2b: Declared values of thermal conductivity $\lambda_{N,R}$ in W/(m·K) according EN 13787
 Pipe Tester, based on test results of EN ISO 8497**

Thermal Conductivity $\lambda_{N,R}$ in W/(m·K)	Product Type (old)	Mean temperature ϑ_m in °C									
		10	20	30	50	100	150	200	250	300	350
TC11	Rockwool 800	0,033	0,034	0,035	0,037	0,044	0,052				

All products are exonerated from classification "possible carcinogenic" by note Q of Commission Directive 97/69/EC



Gräfelfing, June 29, 2012

Head of Certification Body


 Dr.-Ing. Martin Zeitler