

EC Certificate of Conformity

Reg.-No.: K1-0751-CPD-209.0-01-02/13 (E)

In compliance 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), as later amended, it has been stated that the

construction product: **Therarock A2-**
wood wool composite products (WW-C)
with core out of mineral wool
according to EN 13168
(details see annex)

placed on the market by: **Knauf Insulation GmbH**
84359 Simbach am Inn/Germany

and produced in the plant: **84359 Simbach am Inn/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 approved bodies:

Forschungsinstitut für Wärmeschutz e.V. München - Identification No. 0751

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 and an audit-testing of samples taken at the factory, on the market or at the construction site.

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

EN 13168:2008

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

This certificate was first issued on 31 January 2011 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 FPC itself are not modified significantly.

Gräfelfing, 19 December 2012

Head of Certification Body

Dipl.-Ing. (FH) Wolfgang Albrecht

Annex to EC Certificate of Conformity

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construction product: **Therarock A2-**
wood wool composite products (WW-C) with core out of mineral wool according to EN 13168

placed on the market by: **Knauf Insulation GmbH**
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and produced in the plant: **84359 Simbach am Inn/Germany**

At the date of issue of the annex, the attestation of conformity relates on the following products:

product name	composition	λ_D	reaction to fire EN 13501	thickness			length		width	squareness		flatness	compressive stress EN 826	tensile strength perpendicular to faces EN 1607	CI
				EN 823		EN 822	EN 822	EN 824		EN 825					
					T1	T3	L1	L2	W1	S1	S3	P1			
					+3/-2	+4/-3	+5/-10	+3/-5	+3/-3	<=4	<=2	<=6			
	[mm]			[mm]	[<=100]	[>100]				[2000]	[1000]				
					4.2.3		4.2.2		4.2.2	4.2.4		4.2.5	4.2.6	4.2.10	4.2.8
Level I															
Therarock A2-035/2 [1.0 mm]	10/MW/1	0,034 MW	A2-s1, d0	50-175	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)30	TR 7,5	CL 1
Therarock A2-TK-035/2	10/MW/1	0,034 MW	A2-s1, d0	50-175	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)30	TR 7,5	CL 1
Therarock A2-E31-035/2	10/MW/1	0,034 MW	A2-s1, d0	50-175	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)30	TR 7,5	CL 1
Level III															
Therarock A2-SD	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	L1	-	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-TK	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-TK-UA	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-TK-EPV	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-TK-DSP	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-E21	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-LP	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1

product name	composition	λ_D	reaction to fire EN 13501	thickness			length		width	squareness		flatness	compressive stress EN 826	tensile strength perpendicular to faces EN 1607	CI
				EN 823		EN 822		EN 822	EN 824		EN 825				
				T1	T3	L1	L2	W1	S1	S3	P1				
	[mm]			+3/-2	+4/-3	+5/-10	+3/-5	+3/-3	<=4	<=2	<=6				
				[mm]	[<=100]	[>100]			[2000]	[1000]					
				4.2.3			4.2.2		4.2.2	4.2.4		4.2.5	4.2.6	4.2.10	4.2.8
Therarock A2-HP	5/MW/5	0,039 MW	A2-s1, d0	50	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-HP-EPV	5/MW/5	0,039 MW	A2-s1, d0	50	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-FP-HB	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2-FP	5/MW/5	0,039 MW	A2-s1, d0	50-200	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Therarock A2 CHA-2S	14/MW/1	0,039 MW	A2-s1, d0	40	T1	T3	-	L2	W1	S1	S3	P1	CS(10/Y)50	TR 15	CL 1
Level IV															
Therarock A2-HDX	5/MW/5	0,044 MW	A2-s1, d0	50-200	T1	T3	L1	-	W1	S1	S3	P1	CS(10/Y)100	TR 20	CI 3

Gräfelfing, 19 December 2012

Head of Certification Body

Dipl.-Ing. (FH) Wolfgang Albrecht