

# CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,

hereby attests that the product(s)

**FACTORY MADE MINERAL WOOL (MW) PRODUCTS**

(Details as per the attached Scope of Certification)

manufactured by:

**KNAUF EXEED INSULATION L.L.C.**

**Plot No. 20F1 & 21F1, ICAD 1, Abu Dhabi, U.A.E.**

have been assessed in accordance with DCLD Document Ref. No. RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

**BS EN 13162: 2012**

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark to the above-mentioned product(s).

for / ENGR. AMIN AHMED AMIN

Director, Dubai Central Laboratory Department

Dubai Municipality

Verify:



Certificate No: CL13020186

Valid Until: 06 May 2019



Current Issue Date: 07 MAY 2018

Original Issue Date: 07 MAY 2013

F-IC-2031 REV 12

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this Certificate.

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## DUBAI CENTRAL LABORATORY DEPARTMENT DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

### SCOPE OF CERTIFICATION FOR CERTIFICATE NO. CL13020186

<b>Certificate Issued To:</b>	KNAUF EXEED INSULATION L.L.C. Plot 20F1 & 21F1, ICAD 1, Abu Dhabi, UAE
<b>Applicable Standard Specification:</b>	BS EN 13162:2012 – Thermal Insulation Products for Buildings – Factory Made Mineral Wool (MW) Products - Specification
<b>Applicable Specific Rules:</b>	RD-DP21-2130 (IC) “Specific Rules for Certification of Factory Made Mineral Wool Thermal Insulation Products (as per BS EN 13162:2012) Through Factory Assessment”.

S/ N	Product Description	Product Brand	Product Details
1	Mineral Wool (Glasswool) Board  (CFC Free)*	Knauf Exeed <i>(Yellowish in color)</i>	<b>Mineral Fiber Board Without Facing</b> <b>Width: 300 to 1220, Length: Various Length</b> <b>Nominal Thickness, 15-150 mm</b> <b>Nominal Density, 20 – 120 kg/m<sup>3</sup></b> <b>Thermal Conductivity:</b> k-value: 0.045 W/(m·K) (D=16-24) k-value: 0.037 W/(m·K) (D=25-32) k-value: 0.035 W/(m·K) (D=33-64) k-value: 0.038 W/(m·K) (D=65-120)  <b>** UL 723 Rating : Flame Spread 0 , Smoke Developed 0</b>
		Knauf Exeed With Ecosse Technology <b>PF Free</b> <i>(Brownish in color)</i>	
		Knauf Exeed <i>(Yellowish in color)</i>	<b>Mineral Fiber Board with FSK (Foil Scrim Kraft) Facing</b> <b>Width: 300 to 1220, Length: Various Length</b> <b>Nominal Thickness, 15-150 mm</b> <b>Nominal Density, 20 – 120 kg/m<sup>3</sup></b> <b>Thermal Conductivity:</b> k-value: 0.045 W/(m·K) (D=16-24) k-value: 0.037 W/(m·K) (D=25-32) k-value: 0.035 W/(m·K) (D=33-64) k-value: 0.038 W/(m·K) (D=65-120)  <b>** UL 723 Rating : Flame Spread 10 , Smoke Developed 30</b>
		Knauf Exeed With Ecosse Technology <b>PF Free</b> <i>(Brownish in color)</i>	
		Knauf Exeed <i>(Yellowish in color)</i>	<b>Mineral Fiber Board with WGF (Woven Glass Fiber) Facing</b> <b>Width: 300 to 1220, Length: Various Length</b> <b>Nominal Thickness, 15-150 mm</b> <b>Nominal Density, 20 – 120 kg/m<sup>3</sup></b> <b>Thermal Conductivity:</b> k-value: 0.045 W/(m·K) (D=16-24) k-value: 0.037 W/(m·K) (D=25-32) k-value: 0.035 W/(m·K) (D=33-64) k-value: 0.038 W/(m·K) (D=65-120)  <b>** ASTM E84 Rating : Flame Spread 5 , Smoke Developed 5 – Class A</b>
		Knauf Exeed With Ecosse Technology <b>PF Free</b> <i>(Brownish in color)</i>	
Knauf Exeed <i>(Yellowish in color)</i>	<b>*** Mineral Fiber Board with FS (Aluminum Foil Scrim) Facing</b> <b>Width: 300 to 1220, Length: Various Length</b>		



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		Knauf Eceed With Ecosse Technology <b>PF Free</b> (Brownish in color)	<b>Nominal Thickness, 20-150 mm</b> <b>Nominal Density, 16– 64 kg/m<sup>3</sup></b> <b>Thermal Conductivity:</b> k-value: 0.045 W/(m·K) (D=16-24) k-value: 0.037 W/(m·K) (D=25-32) k-value: 0.035 W/(m·K) (D=33-64) <b>** EN 13501 Rating : A2 – s1 , d0</b>
2	Mineral Wool (Glasswool) Blanket/ Mattress (CFC Free)*	Knauf Eceed (Yellowish in color)	<b>Mineral Fiber Blanket/Mattress without Facing</b> <b>Width: 300-1250 mm; Length: Various Length</b> <b>Nominal Thickness, 13-300 mm</b> <b>Nominal Density, 10 – 48 kg/m<sup>3</sup>;</b> <b>Thermal Conductivity</b> k-value: 0.051 W/(m·K) ( D=10-16) k-value: 0.041 W/(m·K) ( D=17-24) k-value: 0.037 W/(m·K) ( D=25-48)  <b>** UL 723 Rating : Flame Spread 0 , Smoke Developed 0</b>
		Knauf Eceed With Ecosse Technology <b>PF Free</b> (Brownish in color)	
		Knauf Eceed (Yellowish in color)	<b>Mineral Fiber Blanket/Mattress with FSK (Foil Scrim Kraft) Facing</b> <b>Width: 300-1250 mm; Length: Various Length</b> <b>Nominal Thickness, 13-300 mm</b> <b>Nominal Density, 10 – 48 kg/m<sup>3</sup>;</b> <b>Thermal Conductivity</b> k-value: 0.051 W/(m·K) ( D=10-16) k-value: 0.041 W/(m·K) ( D=17-24) k-value: 0.037 W/(m·K) ( D=25-48)  <b>** UL 723 Rating : Flame Spread 5 , Smoke Developed 10</b>
		Knauf Eceed With Ecosse Technology <b>PF Free</b> (Brownish in color)	
		Knauf Eceed (Yellowish in color)	<b>Mineral Fiber Blanket/Mattress with WGF (Woven Glass Fiber) Facing</b> <b>Width: 300-1250 mm; Length: Various Length</b> <b>Nominal Thickness, 13-300 mm</b> <b>Nominal Density, 10 – 48 kg/m<sup>3</sup></b> <b>Thermal Conductivity</b> k-value: 0.051 W/(m·K) ( D=10-16) k-value: 0.041 W/(m·K) ( D=17-24) k-value: 0.037 W/(m·K) ( D=25-48)  <b>** ASTM E84 Rating: Flame Spread 20 , Smoke Developed 20 – Class A</b>
		Knauf Eceed With Ecosse Technology <b>PF Free</b> (Brownish in color)	
		Knauf Eceed (Yellowish in color)	<b>Mineral Fiber Blanket/Mattress with WMP Facing</b> <b>Width: 300-1250 mm; Length: Various Length</b> <b>Nominal Thickness, 13-300 mm</b> <b>Nominal Density, 10 – 48 kg/m<sup>3</sup></b> <b>Thermal Conductivity</b> k-value: 0.051 W/(m·K) ( D=10-16) k-value: 0.041 W/(m·K) ( D=17-24) k-value: 0.037 W/(m·K) ( D=25-48)  <b>** UL 723 Rating : Flame Spread 20 , Smoke Developed 25</b>
		Knauf Eceed With Ecosse Technology <b>PF Free</b> (Brownish in color)	

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### SCOPE OF CERTIFICATION FOR CERTIFICATE NO. CL13020186

- Note 1: Maximum  $k$ -value measured at 35°C temperature and 60% relative humidity condition  
Note 2: This document forms part of the Certificate of Product Conformity bearing the same certificate number.  
Note 3: The above products shall bear the DCL Conformity Mark (applied on each product or on the packaging).  
Note 4: \* In compliance with Clause 701.01 (1) of the Green Building Regulations & Specifications  
Note 5: \*\* In Compliance with Dubai Civil Defense Fire & Life Safety code of Practice.  
Note 6: \*\*\* Referred to as “Façade Slab 35”, “Façade Slab 33 Super” & “Façade Slab 32 Ultimate”

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