

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality
hereby attests that the product(s)

Pipe and Duct Insulation

(Details as per the attached Scope of Certification)

manufactured by:

SAUDI ROCKWOOL FACTORY CO.
3rd Industrial Area, Riyadh, KSA

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-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:

2017 AL SA'FAT GREEN BUILDING EVALUATION SYSTEM

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



for / ENGR. AMIN AHMED AMIN
Director, Dubai Central Laboratory Department
Dubai Municipality



eiaci
مركز الاعتمادات العالمية للاعتماد
Emirates International Accreditation Centre
CB-003-PRD

Certificate No: CL18020558
Valid Until: 18/02/2020



Current Issue Date: 19/02/2019
Original Issue Date: 19/02/2018

The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.
This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020558**

Certificate Issued To: SAUDI ROCKWOOL FACTORY CO.
3rd Industrial Area, Riyadh, KSA

Applicable Standard Specification: 2017 Al Sa'fat – Dubai Green Building Evaluation System

Applicable Specific Rules: DM-DCLD-RD-DP21-2185-(IC) Specific Rules for Factory Assessment Certification of Pipe and Duct Insulation as per 2017 Al Sa'fat – Dubai Green Building Evaluation System

S/N	Product Description	Brand Name	Product Details
1	Mineral Wool (Rockwool) - Panel For pipe and duct insulation	Saudi Rockwool - Panel	<p>Rockwool Panel Without Facing Nominal Insulation Thickness, 25-150 mm</p> <p>Density : 30-160 kg/m³</p> <p>With thermal conductivity (max) – 0.045 W/(m·°K) @ 35 °C & 60% RH</p> <p>*Fire Performance meets the requirements with maximum flame spread index of 25 and a maximum smoke developed index of 50 when tested in as per ASTM E 84.</p> <p>For Hot Applications Only and should not be used for Refrigerated/Condensation Applications.</p>
2	Mineral Wool (Rockwool) - Blanket For pipe and duct insulation	Saudi Rockwool - Blanket	<p>Rockwool Blanket With Aluminum Facing – 7 Micron thickness Nominal Insulation Thickness, 25-150 mm</p> <p>Density : 30-160 kg/m³</p> <p>With thermal conductivity (max) – 0.045 W/(m·°K) @ 35 °C & 60% RH</p> <p>*Fire Performance meets the requirements with maximum flame spread index of 25 and a maximum smoke developed index of 50 when tested in as per ASTM E 84.</p> <p>(Water Vapor Permeance = 0.66 Perms) – Not to be used for less than 10 °C applications as per the requirements of Table 1 of BS 5422:2009.</p>

**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020558**

3	Mineral Wool (Rockwool) - Pipes For pipe and duct insulation	Saudi Rockwool - Pipe	<p>Rockwool Pipe Without Facing Nominal Insulation Thickness, 25-150 mm</p> <p>Inner Diameter (0.5 – 24.0) inches. Density : 100-150 kg/m³ With thermal conductivity (max) – 0.045 W/(m-°K) @ 35 °C & 60% RH</p> <p>*Fire Performance meets the requirements with maximum flame spread index of 25 and a maximum smoke developed index of 50 when tested in as per ASTM E 84.</p> <p>For Hot Applications Only and should not be used for Refrigerated/Condensation Applications.</p>
4	Mineral Wool (Rockwool) - Pipes For pipe and duct insulation	Saudi Rockwool - Pipe	<p>Rockwool Pipe With Aluminum Facing – 7 Micron thickness Nominal Insulation Thickness, 25-150 mm</p> <p>Inner Diameter (0.5 – 24.0) inches. Density : 100-150 kg/m³ With thermal conductivity (max) – 0.045 W/(m-°K) @ 35 °C & 60% RH</p> <p>*Fire Performance meets the requirements with maximum flame spread index of 25 and a maximum smoke developed index of 50 when tested in as per ASTM E 84.</p> <p>(Water Vapor Permeance = 0.66 Perms) – Not to be used for less than 10 °C applications as per the requirements of Table 1 of BS 5422:2009.</p>



**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020558**

NOTE1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE2: The above product shall bear the DCL Conformity Mark.

NOTE3: Maximum k-value measured at 35 °C temperature and 60% relative humidity condition

NOTE4: The fire safety test result meets the requirements of the 2018 UAE Fire and Life Safety Code of Practice as an insulation material. The user of the product should be aware and refer to the requirements of the 2018 UAE Fire and Life Safety Code of Practice when used as component of rigid or flexible air ducts.”

Original Issue Date : 19 February 2018

Current Issue Date : 19 February 2019

Valid Until : 18 February 2020

ARIF HUSAIN AL MARZOOQI
Products Conformity Assessment Section Manager
Dubai Central Laboratory Department