

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,

hereby attests that the product(s)

PIPE AND DUCT INSULATION PRODUCTS (GLASSWOOL)

(Details as per the attached Scope of Certification)

manufactured by:

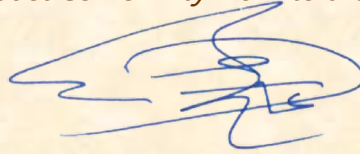
OWENS CORNING WAXAHACHIE PLANT

3700 North Interstate 35E, Waxahachie, Texas

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 – Dubai Green Building Evaluation System

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: CL18020618

Valid Until: 28 July 2019



Current Issue Date: 29 July 2018

Original Issue Date: 29 July 2018

DM-DCLD-F-IC-2031 REV 13

The attached Scope of Certification bearing the same Certificate No. 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. CL18020618**

Certificate Issued To: OWENS CORNING WAXAHACHIE PLANT
3700 North Interstate 35E, Waxahachie, Texas
75165, USA

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	Factory made Fibre glass Mineral Wool	QuietR Duct Board	<p>QuietR Duct Board is a rigid, resin bonded fibrous glass board with a tough, damage-resistant, flame retardant, reinforced aluminum foil (FRK) facing produced in three Types :</p> <p>Type 475 – 25 mm thickness with density 70 kg/m³ Type 800 – 38 mm thickness with density 61 kg/m³ Type 1400 – 51 mm thickness with density 61 kg/m³</p> <p>With thermal conductivity (max) – 0.037 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. (Water Vapor Permeance = 0.00 g/Pa-s-m²) is meeting the requirements of Table 1 of BS 5422:2009</p> <p>"CFC Free"</p>

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020618**

2	Factory made Fibre glass Mineral Wool	SOFTR® Duct Wrap FRK	<p>SOFTR® Duct Wrap FRK is a blanket of glass fiber insulation factory-laminated to FRK vapor retarder facing produced in three Types :</p> <p>Type 100 – with thickness range 38 and 51mm – density 16kg/m³</p> <p>Type 150 – with thickness range 38 and 51 mm – density 24 kg/m³.</p> <p>With thermal conductivity (max) – 0.03 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. (Water Vapor Permeance = 0.00 g/Pa-s-m²) is meeting the requirements of Table 1 of BS 5422:2009</p> <p>“CFC Free”</p>
3	Factory made Fibre glass Mineral Wool	Flexible Duct Media Insulation with PureFiber Technology	<p>Owens Corning Flexible Duct Media Insulation is a lightweight, flexible, resilient thermal and Acoustical insulation made of inorganic glass fibers bonded with a thermosetting resin in three types:</p> <p>R4.2 with minimum installed thickness of 28mm</p> <p>R6 with minimum installed thickness of 41 mm</p> <p>R8 with minimum installed thickness of 57 mm"</p> <p>With thermal conductivity (max) – 0.03 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. (Water Vapor Permeance = 0.00 g/Pa-s-m²) is meeting the requirements of Table 1 of BS 5422:2009</p> <p>“CFC Free”</p>

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020618**

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.

NOTE 3: CFC Free as per declaration from the company, in accordance with the 2017 Al Sa'fat – Dubai Green Building Evaluation System.

NOTE 4: The fire performance test results meet the requirements of the 2017 UAE Fire and Life Safety Code of Practice as an insulation material (Chapter 10 clause [2.2.1] Table [10.1] Item 3 sub-clause [iii]. When used as component of rigid or flexible air ducts, the air ducts shall meet Class 0 or Class 1 when tested as per ANSI/UL 181 (Chapter 10 clause [2.2.1] Table [10.1] Item 3 sub-clause [ii]."

Original Issue Date : 29 July 2018
Current Issue Date : 29 July 2018
Valid Until : 28 July 2019



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