

# CERTIFICATE OF PRODUCT CONFORMITY

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

## PUR/PIR Thermal Insulation

(Details as per the attached Scope of Certification)

: manufactured by

## ALEX PANEL POWERED BY ALEX FORM

K21 Merghem Alexandria - Cairo Dessert Road, Alexandria

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:

## BS EN 13165: 2012

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



Certificate No: CL18020590  
Valid Until: 17/06/2019



Current Issue Date: 18/06/2018  
Original Issue Date: 18/06/2018

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 Rev.01  
FOR CERTIFICATE NO. CL18020590**

**Certificate Issued To:** **ALEX PANEL POWERED BY ALEX FORM - (CF-379)**  
K21 Merghem Alexandria-Cairo desert road,  
Alexandria, Egypt

**Applicable Standard Specification:** BS EN 13165:2012 –Thermal insulation products for buildings – Factory made rigid polyurethane foam (PU) products - Specification

**Applicable Specific Rules:** RD-DP21-2124 (IC) “Specific Rules for Certification of Factory Made Rigid Polyurethane Foam (PU) Thermal Insulation Products (as per BS EN 13165:2012) Through Factory Assessment”.

S/N	Product Description	Brand Name	Product Details
1	Factory made rigid polyisocyanurate (PIR) foam for Thermal Insulation  “CFC Free” <i>NOTE 5</i>	“ALEX PANEL”	<p><b>Polyisocyanurate (PIR) Thermal Insulation Foam</b></p> <p>Nominal Thickness – 50 ~ 200 mm; Length – 3000 mm (min); Width – 1000 mm &amp; 1100 mm (min); Apparent Density (min) 37 kg/m<sup>3</sup>, Thermal conductivity (max) initial value - 0.025 W/(m*K) @ 35C and 60% RH; Thermal conductivity (max) aged value - 0.0299 W/(m*K) @ 35C and 60% RH</p> <p>Code: PIR - EN 13165 – T2 - DS(TH)2 - CS(10/Y)100 – MU30~150</p> <p>Manufactured with flat or corrugated Steel and/or Aluminum / GI / Aluzinc on both or either sides and Foil Scrim Kraft (FSK) Aluminum foil &amp; PVC Membrane.</p>

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			<p>Fire Safety Requirements Tests complies with the UAE Life and Safety Code of Practice as follows; <i>Note6</i></p> <p>1. Table 1.17a – Sandwich Panel on Non-Fire Resistance Rated and Non-Load Bearing Exterior Wall Covering Under Test 1 – Sandwich Panel as a Product for the following applications</p> <ul style="list-style-type: none"> <li>a. Low Rise Building</li> <li>b. Mid Rise Buildings</li> <li>c. Warehouse</li> <li>d. Industrial</li> </ul> <p>2) Table 1.17c - Under Test 1 : Sandwich Panel as a product in various applications as follows:</p> <ul style="list-style-type: none"> <li>a. Internal Non-Fire Resistance Rated Walls and Partitions</li> <li>b. Internal Fire Resistance Rated Walls and Partitions</li> <li>c. Cold Storage Walls</li> <li>d. Roofing Sprinklered Buildings</li> <li>e. Roofing Non-Sprinklered Buildings</li> </ul>
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*\*New test results*

*NOTE 1: Maximum k-value measured at 35 °C temperature and 60% relative humidity condition*

*NOTE 2: This certification covers only the PIR foam within the panel*

*NOTE 3: This document forms part of the Certificate of Product Conformity bearing the same certificate number.*

*NOTE 4: The above products shall bear the DCL Conformity Mark applied on each individual product.*

*NOTE 5: CFC Free as per declaration from the company, in accordance with the 2017 Al Sa'fat Dubai Green Building Evaluation System*

*NOTE 6: The fire safety requirements for PIR Insulated Panels aligned with UAE Fire and Life Safety Code of Practice 2018*

*NOTE 7: This scope superseded previous issued scope dated 18 June 2018.*

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**SCOPE OF CERTIFICATION Rev.01  
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*Original Issue Date* : 18 June 2018

*Current Issue Date* : 04 April 2019

*Valid Until* : 17 June 2019



ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager  
Dubai Central Laboratory Department