

# 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:

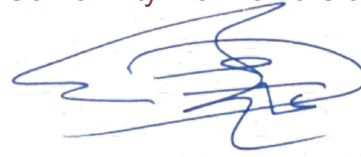
## TRADE CIRCLE TECHNICAL INDUSTRIES

Al Qouz Industrial Area 1, Dubai

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: CL14020216  
Valid Until: 20/08/2019



Current Issue Date: 21/08/2018  
Original Issue Date: 25/06/2014

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. CL14020216**

**Certificate Issued To:** TRADE CIRCLE TECHNICAL INDUSTRIES  
P.O. Box 5639, Al Quoz Industrial Area 1, Dubai  
United Arab Emirates

**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 (as per  
BS EN 13165:2012) Through Factory Assessment”.

S/N	Product Description	Brand Name	Product Details
1	Factory made rigid polyurethane (PUR) foam  CFC Free (See Note 4)	TCTI	PUR Thermal Insulation Foam Nominal Thickness (min) – 25 mm for wall; Length (nominal) – 2000 mm; Width (nominal) – 1000 mm Apparent Density = 35 kg/m <sup>3</sup> (min); Thermal conductivity - 0.027 W/(m*K) @ 35C & 60% RH (initial value) 0.028 W/(m*K) @ 35C& 60% RH (aged value)  Code: PUR-EN 13165-T1-DS(TH)2-CS(10/Y)100-MU50 ~ 100  Manufactured with PVC plastisol coated galvanized steel or Pre painted galvanized steel or stainless steel used as thermal insulation sandwich panel, and board with aluminum foil as facing.



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

**SCOPE OF CERTIFICATION Rev 01  
FOR CERTIFICATE NO. CL14020216**

2	Factory made rigid polyisocyanurate (PIR) foam  CFC Free (See Note 4)	TCTI	PIR Thermal Insulation Foam  Nominal Thickness (min) – 25 mm for wall; Length (nominal) – 2000 mm; Width (nominal) – 1000 mm Apparent Density = 35 kg/m <sup>3</sup> (min); Thermal conductivity - 0.027 W/(m*K) @ 35C & 6.0% RH (initial value) 0.028 W/(m*K) @ 35C & 60% RH (aged value)  Code: PIR-EN 13165-T1-DS(TH)2-CS(10/Y)100- MU50 ~ 100  Manufactured with PVC plastisol coated galvanized steel or Pre painted galvanized steel or stainless steel used as thermal insulation sandwich panel, and board with aluminum foil as facing.
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*NOTE 1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.*

*NOTE 2: The above products shall bear the DCL Conformity Mark applied on each individual product.*

*NOTE 3: This certification covers only the PUR/PIR block & PUR/PIR foam within the panel*

*NOTE 4: CFC Free as per declaration from the company, in accordance with the 2017 Al Sa'fat Dubai Green Building Evaluation System*

*NOTE 5: The revision was made due to the separation of Fire Safety requirements from Al Sa'fat Certification requirements*

*NOTE 6: This supersedes the scope of certification issued on 21 August 2018*

Original Issue Date : 25 June 2014

Current Issue Date : 24 March 2019

Valid Until : 20 August 2019

ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager

Dubai Central Laboratory Department