

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:

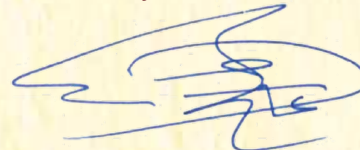
PT TOILON INDONESIA

Jl. Raya Serang KM 16.8 Desa Telaga, Cikuo, Tangerang 15710 Indonesia

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



Certificate No: CL16020405
Valid Until: 23/11/2019



Current Issue Date: 24/11/2018
Original Issue Date: 24/11/2016

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. CL16020405

Certificate Issued To: PT TOILON INDONESIA
Jl Raya Serang Km 16.8 Desa Telaga, Cikupa,
Tangerang, 15710 Indonesia

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

Applicable Specific Rules: DM-DLCD-RD-DP21-2185-(IC) Specific Rules for Certification of Pipe and Duct Insulation as per Al Sa'fat .

S/N	Product Description	Brand Names	Product Details
1	Crosslinked closed cell polyolefin foam with reinforced aluminum foil and self adhesive backing for pipe and duct insulation materials	THERMOSHIELD PROFLEX AIRMASTER G-FLEX	Cross linked closed cell polyolefin foam with reinforced aluminum foil for pipe and duct insulation Thermal conductivity (max) – 0.047 W/(m-°K) @ 35 °C & 55% RH Water Vapor Permeance = 0.00 g/(Pa-s-m2) meeting Table 1 of BS 5422:2009 Duct Insulation Sheet Thickness: 5mm - 50 mm Pipe Insulation Thickness: (5 - 50 mm) Diameter : ¼ “ – 32” Fire performance test as per ASTM E84 (Flame Spread = 5 , Smoke Developed Index= 20 (see note 4) CFC Free* (see note 3)

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 safety test results 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.”

Date of Original Issued : 24 November 2016
Date of Current Issued : 24 November 2018
Valid Until : 23 November 2019


ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager
Dubai Central Laboratory Department