

# 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:

**KINGSPAN INSULATION PVT LTD**

**Village Shindewadi-Shirwal Sub District-Khandala, Distrcit Satara Near Pune, India**

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: CL16020410  
Valid Until: 11/12/2019



Current Issue Date: 12/12/2018  
Original Issue Date: 12/12/2016

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-REVISION 01**  
**FOR CERTIFICATE NO. CL16020410**

**Certificate Issued To:** KINGSPAN INSULATION PVT LTD.  
Village Shindewadi-Shirwal Sub District-Khandala, District Satara near Pune, India

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

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

S/N	Product Description	Brand Name	Product Details
1	Duct Insulation Materials Phenolic foam insulation panels	<b>PalDuct</b>	Duct Insulation Materials Phenolic Foam Insulation Panels Phenolic Foam Insulation Panel with embossed aluminum foil facing on both side  Panel dimension : L = 4000m; W = 1200m; T = 20mm & 30mm Density = 55 kg/m <sup>3</sup> for 20mm & 60 kg/m <sup>3</sup> for 30mm Thermal Conductivity (aged value) ; 0.041 W/m*K @ 35°C & 60% RH (Water Vapor Permeance = 0.00 g/Pa-s-m2) is meeting the requirements of Table 1 of BS 5422:2009 Fire performance test as per ASTM E84 (Flame Spread ≤ 25 and Smoke Developed Index ≤ 50) (see note 4) CFC Free (see note 3)
2	Duct Insulation Materials Phenolic foam insulation panels	<b>PalDuct</b>	Duct Insulation Materials Phenolic Foam Insulation Panels Phenolic Foam Insulation Panel with reinforced aluminum foil with glass scrim facing - one side plain and other side embossed*  Panel dimension : L = 4000m; W = 1200m; T = 20mm & 30mm Density = 55 kg/m <sup>3</sup> for 20mm & 60 kg/m <sup>3</sup> for 30mm Thermal Conductivity (aged value) ; 0.041 W/m*K @ 35°C & 60% RH (Water Vapor Permeance = 0.00 g/Pa-s-m2) is meeting the requirements of Table 1 of BS 5422:2009 Fire performance test as per ASTM E84 (Flame Spread ≤ 25 and Smoke Developed Index ≤ 50) (see note 4) CFC Free (see note 3)

\*newly added facing material

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

Note4: 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."

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DCL PRODUCT CONFORMITY CERTIFICATION SCHEME  
**SCOPE OF CERTIFICATION-REVISION 01**  
**FOR CERTIFICATE NO. CL16020410**

*Original Issue Date* : 12 December 2016

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*Valid Until* : 11 December 2019



**ARIF HUSAIN AL MARZOOQI**

Products Conformity Assessment Section Manager

Dubai Central Laboratory Department