

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,

hereby attests that the product(s)

**PIPE AND DUCT INSULATION
(NBR ELASTOMERIC FOAM MATERIALS)**

(Details as per the attached Scope of Certification)

manufactured by:

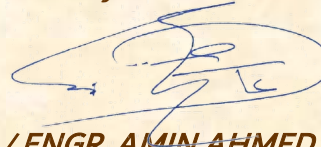
KAIMANN GmbH

Hansastrasse 2-5, D-33161, Hoewelhof, Germany

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: CL16020377

Valid Until: 29 June 2019



Current Issue Date: 30 June 2018

Original Issue Date: 30 June 2017

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 Rev 01
FOR CERTIFICATE NO. CL16020377**

Certificate Issued To	KAIMANN GmbH Hansastraße 2-5, D-33161, Hoewelhof, Germany
Applicable Standard Specification:	2017 Al Sa'fat Dubai Green Building Evaluation System
Applicable Specific Rules:	DM-DCLD-RD-DP21-2185-(IC) Specific Rules for Certification of Pipe and Duct Insulation through Factory Assessment as per 2017 Al Sa'fat Dubai Green Building Evaluation System

S/N	Product Description	Brand Name	Product Details
1	NBR Elastomeric Foam for Pipe and Duct Insulation materials CFC Free <i>(See Note 3)</i>	KAIFLEX ST (without facing material) KAIFLEX ST PROTECT Alu-net (with Alu Facing Material) <i>(See Note 5)</i>	Factory Made Elastomeric Foam (FEF) for pipe and duct insulation materials With thermal conductivity (max) – 0.0395 W/(m-°K) @ 35 °C & 60% RH Fire performance test as per ASTM E84 (Flame Spread \leq 25 and Smoke Developed Index \leq 50) <i>(See note 4)</i> (Water Vapor Permeance = 0.00 g/Pa-s-m ²) is meeting the requirements of Table 1 of BS 5422:2009 "KAIFLEX ST" BRAND Kaiflex ST Sheet: 3 mm tape and 6 ~ 50 mm thickness sheet Kaiflex ST Tube: Inside Diameter (6 mm ~ 159 mm) with thickness (6 mm ~ 50 mm)



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION Rev 01
FOR CERTIFICATE NO. CL16020377**

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.

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 complies with 2018 UAE Fire and Life Safety Code of Practice.

Note 5: Additional product added with Alu Facing Material

Note 6: This supersedes the scope of certification issued on 30 June 2018

Date of Original Issued : 30 June 2016

Date of Current Issued : 23 December 2018

Valid Until : 29 June 2019

ARIF HUSSAIN AL MARZOOQI

Products Conformity Assessment Section Manager
Dubai Central Laboratory Department