

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:

ARMACELL MIDDLE EAST COMPANY LTD.

4th Cross 7th Street 1st Industrial City Dammam

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: CL16020368 Rev.01
Valid Until: 31/05/2019



Current Issue Date: 24/01/2019
Original Issue Date: 01/06/2016

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. CL16020368 – Rev.01

Certificate Issued To: ARMACELL MIDDLE EAST COMPANY LTD.
4th Cross 7th Street Industrial City, P.O. Box 8265 Dammam 31482,
KSA

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

Applicable Specific Rules: RD-DP21-2185-(IC) Specific Rules for FA Certification of Pipe and
Duct Insulations as per 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 (see Note 3)	ARMAFLEX AC ARMAFLEX AC SA & AP ARMAFLEX AP ARMAFLEX SA	<p>NBR Elastomeric Foam without facing for Pipe and Duct Insulation materials</p> <p>Fire Performance Test is meeting the requirements UL 723(ASTM E 84) Flame Spread =25 and Smoke Developed Index =40</p> <p>Thermal conductivity (max) – 0.035 W/(m-°K) @ 35 °C & 55% RH (Water Vapor Permeance = 0.00 g/Pa-s-m2) is meeting the requirements of Table 1 of BS 5422:2009 Armaflex Sheet: 6 mm ~ 50 mm thickness</p> <p>Armaflex Tube: Inside Diameter (6 mm ~ 114 mm) with thickness (9 mm ~ 32 mm)</p> <p>-----</p> <p>NBR Elastomeric Foam with aluminum foil facing for Pipe and Duct Insulation materials</p> <p>Fire Performance Test as per ASTM E84 (Flame Spread ≤ 25 and Smoke Developed Index ≤ 50) (see Note 5)</p> <p>Thermal conductivity (max) – 0.035 W/(m-°K) @ 35 °C & 55% RH (Water Vapor Permeance = 0.00 g/Pa-s-m2) is meeting the requirements of Table 1 of BS 5422:2009 Armaflex Sheet: 6 mm ~ 50 mm thickness</p> <p>Armaflex Tube: Inside Diameter (6 mm ~ 114 mm) with thickness (9 mm ~ 32 mm)</p>



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020368 – Rev.01

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: Fire Performance Test Results comply with UAE Fire and Life Safety Code of Practice 2017.

Original Issue Date: 01 June 2016

Current Issue Date: 24 January 2019

Valid Until : 31 May 2019

ARIF HUSAIN AL MARZOOQI
Products Conformity Assessment Section Manager
Dubai Central Laboratory Department