

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,
hereby attests that the product(s):

MINERAL FIBER BLOCK AND BOARD THERMAL INSULATION

(Details as per the attached Scope of Certification)

manufactured by:

ARABIAN FIBERGLASS INSULATION CO. LTD.

P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

have been assessed in accordance with DCLD Document Ref. No. 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:

ASTM C 612 - 10

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Director, Dubai Central Laboratory Department
Dubai Municipality



Certificate No: CL06020017-1
Valid Until: 22 January 2013

Current Issue Date: 23 January 2012
Original Issue Date: 23 January 2007



CB-003

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this certificate.
This certificate is subject to the Terms and Conditions of the Product Certification System



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

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020017-1**

Certificate Issued To: ARABIAN FIBERGLASS INSULATION CO. LTD.
P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

Applicable Standard Specification: ASTM C 612-10 – Standard Specification for Fiber Block and Board Thermal Insulation

Applicable Specific Rules: RD-DP21-2108 (IC) "Specific Rules for Certification of Mineral Fiber Block and Board Thermal Insulation (ASTM C 612-10) Through Factory Assessment".

S/N	Product Description	Product Brand	Product Details
1	Mineral Fiber Block and Board Thermal Insulation Product Description	AFICO INSULATION BOARD (BD)	Type IA with no facing k-value: 0.040 W/(m•K) Nominal Density, 24 - 112 kg/m ³ Nominal Thickness, 25-50 mm
2		AFICO QUIET LINER (AQL)	Type IA with black woven glass fiber fabric facing k-value: 0.040 W/(m•K) Nominal Density, 16 - 48 kg/m ³ Nominal Thickness, 25-50 mm
3		AFICO DUCT LINER BOARD (DLB)	Type IA with black glass tissue (BGT) facing k-value: 0.040 W/(m•K) Nominal Density, 48 kg/m ³ Nominal Thickness, 15-50 mm
4		AFICO MECHANICAL BOARD INSULATION (MBD)	Type IA with foil reinforced kraft (KRF) facing k-value: 0.040 W/(m•K) Nominal Density, 48 kg/m ³ Nominal Thickness, 1 – 4 inches

Note 1: Maximum k-value measured at 35°C temperature and 60% relative humidity condition

Note 2: Surface Burning Characteristic as per ASTM E 84 satisfies the maximum requirement for Flame Spread Index = 25 and Smoke Developed Index = 50

Note3: This document forms part of the Certificate of Product Conformity bearing the same certificate no.

Note 4: The above products shall bear the DCL Conformity Mark (applied on each product or on the packaging).

Original Issue Date : January 23, 2007

Current Issue Date : January 23, 2012

Valid Until : January 22, 2013

ARIF HUSAIN AL MARZOUQI
Acting Head of Inspection and Certification Section
Dubai Central Laboratory Department

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CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,
hereby attests that the product(s):

MINERAL FIBER BLANKET THERMAL INSULATION For Commercial & Industrial Application

(Details as per the attached Scope of Certification)

manufactured by:

ARABIAN FIBERGLASS INSULATION CO. LTD.
P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

have been assessed in accordance with DCLD Document Ref. No. 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:

ASTM C 553 - 11

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULHA BASTAKI
Director, Dubai Central Laboratory Department
Dubai Municipality



Certificate No: CL06020017-2
Valid Until: 22 January 2013

Current Issue Date: 23 January 2012
Original Issue Date: 23 January 2007

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

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020017-2**

Certificate Issued To: ARABIAN FIBERGLASS INSULATION CO. LTD.
P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

Applicable Standard Specification: ASTM C 553-11 Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Application.

Applicable Specific Rules: RD-DP21-2109 (IC) "Specific Rules for Certification of Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Application (ASTM C 553-11) Through Factory Assessment".

S/N	Product Description	Product Brand	Product Details
1	Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Application Product Description	AFICO DUCT LINER (DL)	Type III with black glass tissue (BGT) facing k-value: 0.040 W/(m·K) Nominal Density, 16 - 48 kg/m ³ Nominal Thickness, 25-50 mm
2		AFICO PIPE WRAP INSULATION (PW)	Type III with aluminum foil facing k-value: 0.040 W/(m·K) Nominal Density, 48 AND 64 kg/m ³ Nominal Thickness, 25-75 mm
3		AFICO FACE DUCT WRAP (FDW)	Type III with aluminum foil facing k-value: 0.040 W/(m·K) Nominal Density, 12 - 48 kg/m ³ Nominal Thickness, 25-50 mm
4		AFICO THERMAL INSULATING WOOL (TIW)	Type III with foil reinforced kraft facing k-value: 0.040 W/(m·K) Nominal Density, 16-24 kg/m ³ Nominal Thickness, 25 mm

Note 1: Maximum k-value measured at 35°C temperature and 60% relative humidity condition

Note 2: Surface Burning Characteristic as per ASTM E 84 satisfies the maximum requirement for Flame Spread Index = 25 and Smoke Developed Index = 50

Note 3: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

Note 4: The above products shall bear the DCL Conformity Mark (applied on each product or on the packaging).

Original Issue Date : January 23, 2007

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ARIF HUSAIN AL MARZOUQI
Acting Head of Inspection and Certification Section
Dubai Central Laboratory Department

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CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,
hereby attests that the product(s):

MINERAL FIBER BLANKET THERMAL INSULATION For Light Frame Construction and Manufactured Housing

(Details as per the attached Scope of Certification)

manufactured by:

ARABIAN FIBERGLASS INSULATION CO. LTD.

P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

have been assessed in accordance with DCLD Document Ref. No. 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:

ASTM C 665 - 06

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Director, Dubai Central Laboratory Department
Dubai Municipality

Certificate No: CL06020017-3
Valid Until: 22 January 2013



Current Issue Date: 23 January 2012
Original Issue Date: 23 January 2007

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CB-003

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020017-3

- Certificate Issued To:** ARABIAN FIBERGLASS INSULATION CO. LTD.
P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia
- Applicable Standard Specification:** ASTM C 665-06 Standard Specification for Mineral Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing
- Applicable Specific Rules:** RD-DP21-2114 (IC) "Specific Rules for Certification of Mineral Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing (ASTM C 665-06) Through Factory Assessment".

S/N	Product Description	Product Brand	Product Details
1	Mineral Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing	AFICO PRE-ENGINEERED METAL INSULATION (MBI)	Type III with foil reinforced kraft (FRK) facing k-value: 0.0481 W/(m•K) Nominal Density, 10-12 kg/m ³ Nominal Thickness, 25-150 mm
2		AFICO DUCT LINER (DL)	Type I with black glass tissue (BGT) facing k-value: 0.0379 W/(m•K) Nominal Density, 16 - 48 kg/m ³ Nominal Thickness, 25-50 mm
3		AFICO PIPE WRAP INSULATION (PW)	Type III with aluminum foil facing Nominal Density, 48 and 64 kg/m ³ Nominal Thickness, 25-75 mm
4		AFICO HD SERIES BLANKET INSULATION (HDB)	Type I with no facing k-value: 0.0357 W/(m•K) Nominal Density, 48 kg/m ³ Nominal Thickness, 25-150 mm
5		AFICO THERMAL INSULATING WOOL (TIW)	Type III with foil reinforced kraft facing k-value: 0.0347 W/(m•K) Nominal Density, 16-24 kg/m ³ Nominal Thickness, 25 mm

Note 1: Maximum k-value measured at 35°C temperature and 60% relative humidity condition

Note 2: Surface Burning Characteristic as per ASTM E 84 satisfies the maximum requirement for Flame Spread Index = 25 and Smoke Developed Index = 50

Note 3: This document forms part of the Certificate of Product Conformity bearing the same certificate no.

Note 4: The above products shall bear the DCL Conformity Mark (applied on each product or on the packaging).

Original Issue Date : January 23, 2007
Current Issue Date : January 23, 2012
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ARIF HUSAIN AL MARZOUQI
Acting Head of Inspection and Certification Section
Dubai Central Laboratory Department



CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,
hereby attests that the product(s):

MINERAL FIBER PIPE INSULATION

(Details as per the attached Scope of Certification)

manufactured by:

ARABIAN FIBERGLASS INSULATION CO. LTD.
P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

have been assessed in accordance with DCLD Document Ref. No. 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:

ASTM C 547 - 11

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Director, Dubai Central Laboratory Department
Dubai Municipality



Certificate No: CL06020017-4
Valid Until: 22 January 2013



Current Issue Date: 23 January 2012
Original Issue Date: 23 January 2007

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

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020017-4**

Certificate Issued To: ARABIAN FIBERGLASS INSULATION CO. LTD.
P.O. Box: 1289 Dammam, Kingdom of Saudi Arabia

Applicable Standard Specification: ASTM C 547-11 Standard Specification for Mineral Fiber Pipe Insulation

Applicable Specific Rules: RD-DP21-2107 (IC) "Specific Rules for Certification of Mineral Fiber Pipe Insulation (ASTM C 547-11) Through Factory Assessment".

S/N	Product Description	Product Brand	Product Details
1	Mineral Fiber Pipe Insulation	AFICO HD PIPE INSULATION (PI)	Type I with foil reinforced kraft (FRK) facing k-value: 0.036 W/(m•K) Nominal Density, 64 – 128 kg/m ³ Nominal Diameter, 0.5 to 26 inches

Note 1: Maximum k-value measured at 35°C temperature and 60% relative humidity condition

Note 2: Surface Burning Characteristic as per ASTM E 84 satisfies the maximum requirement for Flame Spread Index = 25 and Smoke Developed Index = 50

Note 3: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

Note 4: The above products shall bear the DCL Conformity Mark (applied on each product or on the packaging).

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ARIF HUSAIN AL MARZOUQI
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Dubai Central Laboratory Department

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