حكومة دبي
GOVERNMENT OF DUBAI

بلدية دبي
DUBAI MUNICIPALITY

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:

KUWAIT INSULATING MATERIALS MANUFACTURING CO.
P.O. Box: 10042 Shuaiba, Kuwait

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

DCL
PRODUCT CONFORMITY

DAC
CB-003

Certificate No: CL06020015-1
Valid Until: 27 January 2013

Current Issue Date: 28 January 2012
Original Issue Date: 28 January 2007

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. CL06020015-1

Certificate Issued To: KUWAIT INSULATING MATERIALS MFG. CO.
P.O. Box: 10042 Shuaiba, Kuwait

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	Building Slabs (KBS)	Type IB with aluminum foil facing k-value: 0.039 W/(m•K) Nominal Density, 48 - 120 kg/m³ Nominal Thickness, 13 -100 mm
2		Duct Insul (KDI)	Type IA with aluminum foil facing k-value: 0.040 W/(m•K) Nominal Density, 48 - 96 kg/m³ Nominal Thickness, 25-100 mm
3		Duct Insul Plus (KDIP)	Type IA with aluglass facing k-value: 0.040 W/(m•K) Nominal Density, 48 - 96 kg/m³ Nominal Thickness, 25-100 mm
4		Clean Liner (KCL)	Type IA with black woven glass fabric k-value: 0.040 W/(m•K) Nominal Density, 24 - 72 kg/m³ Nominal Thickness, 13 -100 mm
5		Duct System (KADS)	Type IB with aluglass and aluminum foil facing k-value: 0.039 W/(m•K) Nominal Density, 72 - 96 kg/m³ Nominal Thickness, 25 - 100 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).

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DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020015-1

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

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DUBAI MUNICIPALITY

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:

KUWAIT INSULATING MATERIALS MANUFACTURING CO.
P.O. Box: 10042 Shuaiba, Kuwait

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 ABDULLA BASTAKI
Director, Dubai Central Laboratory Department
Dubai Municipality

DCL
PRODUCT CONFORMITY

DAC
CB-003

Certificate No: CL06020015-2
Valid Until: 27 January 2013

Current Issue Date: 28 January 2012
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This certificate is subject to the Terms and Conditions of the Product Certification System
The attached Scope of Certification bearing the same Certificate No. forms an integral part of this certificate

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020015-2

Certificate Issued To: KUWAIT INSULATING MATERIALS MFG. CO.
P.O. Box: 10042 Shuaiba, Kuwait

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	Building Rolls (KBR)	Type II with aluminum foil facing k-value: 0.048 W/(m•K) Nominal Density, 12 - 16 kg/m³ Nominal Thickness, 25-150 mm
2		Building Rolls (KBR)	Type III with aluminum foil facing k-value: 0.040 W/(m•K) Nominal Density, 18 - 24 kg/m³ Nominal Thickness, 25-150 mm
3		Building Rolls (KBR)	Type III with aluminum foil facing k-value: 0.040 W/(m•K) Nominal Density, 32 kg/m³ Nominal Thickness, 25-150 mm
4		Duct Insul (KDI)	Type III with aluminum foil facing k-value: 0.040 W/(m•K) Nominal Density, 24 - 32 kg/m³ Nominal Thickness, 25-100 mm
5		Duct Insul Plus (KDIP)	Type III with aluglass facing k-value: 0.040 W/(m•K) Nominal Density, 24 - 32 kg/m³ Nominal Thickness, 25-100 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).

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020015-2

Original Issue Date : *January 28, 2007*
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ARIF HUSSAIN AL MARZOUQI
Acting Head of Inspection and Certification Section
Dubai Central Laboratory Department

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DUBAI MUNICIPALITY

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:

KUWAIT INSULATING MATERIALS MANUFACTURING CO.
P.O. Box: 10042 Shuaiba, Kuwait

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

DCL
PRODUCT CONFORMITY

DAC
CB-003

Certificate No: CL06020015-3
Valid Until: 27 January 2013

Current Issue Date: 28 January 2012
Original Issue Date: 28 January 2007

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

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DUBAI MUNICIPALITY

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020015-3

Certificate Issued To: KUWAIT INSULATING MATERIALS MFG. CO.
P.O. Box: 10042 Shuaiba, Kuwait

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	Building Rolls (KBR)	Type III with aluminum foil facing k-value: 0.0406 W/(m•K) Nominal Density, 16 - 24 kg/m³ Nominal Thickness, 25-150 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 28, 2007
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Valid Until : January 27, 2013

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

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GOVERNMENT OF DUBAI

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DUBAI MUNICIPALITY

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:

KUWAIT INSULATING MATERIALS MANUFACTURING CO.
P.O. Box: 10042 Shuaiba, Kuwait

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

DCL
PRODUCT CONFORMITY

DAC
CB-003

Certificate No: CL06020015-4
Valid Until: 27 January 2013

Current Issue Date: 28 January 2012
Original Issue Date: 28 January 2007

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

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DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL06020015-4

Certificate Issued To: KUWAIT INSULATING MATERIALS MFG. CO.
P.O. Box: 10042 Shuaiba, Kuwait

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	Rigid Pipe Covering (K450)	Type I with aluglass facing k-value: 0.036 W/(m•K) Nominal Density, 64 - 128 kg/m³ Nominal Diameter, 15 - 900 mm
2		Rigid Pipe Covering (K450)	Type I with aluminum foil facing k-value: 0.036 W/(m•K) Nominal Density, 64 - 128 kg/m³ Nominal Diameter, 15 - 900 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 28, 2007
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ARIF HUSSAIN AL MARZOUQI
Acting Head of Inspection and Certification Section
Dubai Central Laboratory Department