

SCOPE OF ACCREDITATION

Construction Materials Testing- Green Building

Dubai Municipality-Dubai Central Laboratory Department- Construction
Material Laboratory Section

Karamah, Za'beel Street, Dubai- United Arab Emirates

Scope Issue No: 03

Accreditation Certificate No: LB-014-TEST

Scope Validity Period: 29-05-2016 to 28-05-2019

Issued by (Head of Section): 

Type of Task	Materials/Products	Task Name	Standard method
Physical/ Mechanical	Construction Materials	Fire classification of construction products and building elements Classification using test data from reaction to fire tests	BS EN 13501-1
		Light reflectance value (LRV) of a surface. Method of test	BS 8493
		Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	ASTM E1980
		Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	ASTM C518
		Standard Test Methods for Water Vapor Transmission of Materials	ASTM E96

Note: For history details of accredited conformity assessment activities, please refer to Dubai Accreditation Department, Dubai Municipality.



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Type of Task	Materials/Products	Task Name	Standard method
Physical/ Mechanical	Construction Materials	Thermal insulating products for building applications	BS EN 1603 AMD-9742
		Determination of dimensional stability under constant normal laboratory conditions (23°C/50% relative humidity)	
		Standard Test Method for Water Absorption of Core Materials for Sandwich Constructions	ASTM C272
		Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C	ASTM E136
		Thermal insulating products for building applications. Determination of bending behaviour	BS EN 12089 Method B
		Standard Test Method for Determining the Water Vapour Sorption of Un faced Mineral Fiber Insulation	ASTM C1104/1104M

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Issued by (Head of Section): elo

Type of Task	Materials/Products	Task Name	Standard method
Physical/ Mechanical	Construction Materials	Standard Test Method for Dimensions and Density of Preformed Block and Board-Type Thermal Insulation	ASTM C303
		Standard Test Method for Measuring Compressive Properties of Thermal Insulations	ASTM C165 Procedure-A
		Standard Test Methods of Testing Cellular Glass Insulation Block	ASTM C240
		Standard Specification for Fibrous Glass Thermal Insulation and Sound Absorbing Blanket and Board for Military Applications Clause 11.4: Binder Content	ASTM C1139 Clause 11.4
		Methods of test for inorganic thermal insulating materials Section 3: Bulk Density Preformed flat material	BS 2972 Section 3

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Type of Task	Materials/Products	Task Name	Standard method
Physical/ Mechanical	Construction Materials	Methods of test for thermal insulating materials Section 14: Coarse Shot Content	BS 2972 Section 14
		Thermal insulating products for building applications. Determination of squareness	BS EN 824
		Thermal insulating products for building applications. Determination of flatness	BS EN 825
		Methods of test for thermal insulating materials Section 18: Flexural Strength	BS 2972 Section 18
		Standard Test Method for Determining the Moisture Content of Organic and Inorganic Insulation Materials by Weight	ASTM C1616
		Methods of test for thermal insulating materials Section 11: Moisture content as received	BS 2972 Section 11

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Type of Task	Materials/Products	Task Name	Standard method
Physical/ Mechanical	Construction Materials	Standard Test Method for Measuring Non-Fibrous Content of Man-Made Rock and Slag Mineral Fiber Insulation	ASTM C1335
		Standard Test Method for Assessing the Odor Emission of Thermal Insulation Materials	ASTM C1304
		Thermal insulating products for building applications. Determination of tensile strength parallel to faces	BS EN 1608
		Standard Test Method for Measuring Trueness and Squareness of Rigid Block and Board Thermal Insulation	ASTM C550
		Methods of test for thermal insulating materials Section 12: Water Absorption Total Immersion	BS 2972 Section 12

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