MUAYENE - DENEY SONUÇLARI *TEST RESULTS*

Request No : 2023-125323
Sample No : 2023-170385
Brand [a] : ''INFLAME FIREPROOF''
Product Code [a] : ''-''
Sample Description [a] : ''Modified Fire Proof Board.''
Inspection Type : Special Test Request
Laboratory Conditions : (23±1)°C Temperature, (50±3)% Relative Humidity.

[a]: Client declaration.

Note: The sample(s) were taken by the customer and delivered to the laboratory.

Applied Test Methods	
Number	**Standard Title**
TS EN 12664:2009	Thermal Performance of Building Materials and Products - Determination of Thermal Resistance By Means of Guarded Hot Plate and Heat Flow Meter Methods - Dry and Moist Products Of Medium and Low Thermal Resistance

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Test Completion Date: 12-Jul-2023

Temperature Difference Between the Surfaces of Test Sample (Cold/Hot Surface Temperature)	Mean Temperature	Thermal Conductivity Value, $\lambda_{23,(23,50)}$	Requirement (Customer Declared Value), λ_D	Assessment
9,44 K (5,28 K - 14,72 K)	10,0 °C	*0,231 W/(m·K)*	-	-

Density of Test Sample Before Test: 875,2 kg/m³
Conditioning of test sample before test:Test sample conditioned at (23±2)°C and (50±5)% RH until become constant weight.

Details of Test		
	Product Standard of Test Sample	-
Characteristics of Apparatus	Type of Apparatus and Device	Single specimen testing apparatus
	Used Test Device	Guarded Hot Plate (GHP)
	Method of Reduce Edge Heat Losses	Since Measured "e" value =0,5, Edge Heat Loss Error is zero.
	Position of Test Specimen	Horizontal
	Hot Surface Position of Test Specimen	Top
	Direction of Heat Flow	Downwards
Before Test	Specimen Width (mm)	502
	Specimen Length (mm)	500
	Specimen Thickness Measured by Device (m)	0,0404
	Applied Load by Plates of Testing Device to Specimen Surfaces (N)	350
	Relative Mass Change During Conditioning, Δm_c	0,0024
	Ambient Temperature Surrounding the Device During Test (°C)	(23 ± 1) °C
	Ambient Temperature Surrounding the Test Specimen during Test (°C)	(10 ± 1) °C
	Use of Contact Sheets	Used.
	Characteristics of Water Vapour Tight Envelopes	0,02 mm thick PVC type.