Report No/ Rapor No : 2024090712
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Sample Accepted on / Numune Tarihi: 24.06.2024
Report Date / Rapor Tarihi : 09.07.2024
Total number of pages/Rapor Sayfa: 2 (Pg)

Sample ID : **BA-56EX**

	TEST/ INSPECTION	Directive	METHOD	RESULT
*	**Fire Behaviour Of Building Materials And Components - Part 8: Small Scale Test Furnace**	**The General Product Safety Directive (GPSD) (2001/95/EC)**	**DIN 4102-8**	**B30**

NOTE: This test/inspection result replaces the conformity assessment, can be presented to official institutions, and used in products and brochures.

Seal

Customer Representative

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EUROLAB® Inspection & Testing Laboratory

Scope

This standard defines a small-scale test furnace for the purpose of determining certain fire protection properties for fire testing of building materials or components.

Procedure

-	The test room temperature should not fall below 15°C and should not rise above 25°C for at least 24 hours before the test.
-	The test sample was placed in the combustion chamber and other openings were closed with fireccrete forms.
-	The combustion chamber is ignited by fuel
-	After the first 5 minutes of the test, the temperature in the combustion chamber must not exceed a deviation of ± 15 K from the reference curve specified in the relevant application standard.
-	The test was performed at (10 ± 2) Pa overpressure after the first 5 minutes.

Parameter	Limit Values for B1 Class Building Materials
Heat Release in the First 5 Minutes	≤ 200 kJ/m²
Total Heat Release	≤ 1200 kJ/m²
Thermal Permeability in the First 5 Minutes	≤ 0.8 W/m²K
Total Thermal Permeability	≤ 1.5 W/m²K
Flame Spread	≤ 50mm
Burning Time	≤ 20 seconds
Smoke Density	Low smoke density requirements
Surface Damage	There must be a certain surface damage limit

Test Result

Fire Behavior	Flame Spread	Burning Time	Smoke Density	Classification
	50 mm	30 minutes	Middle	B30

*****End of Report*****

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