



Report No/ Rapor No : 2024090712
Applicant/Deney Sahibi : DNH AS
Contact Person / Yetkili : Øyvind Nielsen
Contact Telephone / Telefon: -
Contact e-mail / E-Posta: oyvind@dnh.no
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

Merve Nur KIRVELİ

Laboratory Manager

Merve ÖZLÜ

Test/inspection results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test/inspection Request Form (PR03-F01) conveyed to us from the Applicant. Test/inspection results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of EUROLAB Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "*" are in the Scope of our Accreditation Certificate issued from UAF according to TS EN ISO/IEC 17020, 17025, Analysis as indicated with "***" are performed at the external laboratories using accredited test/inspection methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting "N" to related pages. Tested and remaining samples will be kept in specified terms & conditions at test/inspection request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values, Measurement Uncertainty values are not taken in consideration during Pass/Fail assessment of the test/inspection results shown in this Report. Evaluation of the test/inspection results using Measurement Uncertainty values is the responsibility of the Applicant. An inspection body shall issue an inspection certificate that does not include the inspection results only when the inspection body can also produce an inspection report containing the inspection results, and when both the inspection certificate and inspection report are traceable to each other.

PR33-F01/08.10.2015/Rev:17.01.2017-R01

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 firecrete 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/m ²
Total Heat Release	≤ 1200 kJ/m ²
Thermal Permeability in the First 5 Minutes	≤ 0.8 W/m ² K
Total Thermal Permeability	≤ 1.5 W/m ² K
Flame Spread	≤ 50 mm
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