

Modified reissue

Report of the classification of the reaction to fire performance

No. 230008744-6

issued 21 December 2022

English version

Sponsor

BASF SE
Carl-Bosch-Str. 38

67056 Ludwigshafen

Order

Classification of the reaction to fire behaviour according to DIN EN 13501-1

Date of order:

9 October 2012, 17 August 2017 and 31 October 2022

Name of the classified building product

Flexible foam boards „Basotect G+“ in thicknesses more than 20 mm to max. 80 mm

This report determines the classification of the above-mentioned building product in accordance with the procedure given in DIN EN 13501-1.

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This classification report consists of 4 pages.

MPA NRW is a notified body with the identification no. 0432.

1. Description of the building product

Flexible foam boards named „Basotect G+“.

Thickness: > 20 mm to 80 mm

Density: approx. 9 kg/m³

Colour: grey

2. Test reports and test results which form the basis of the classification

2.1 Test reports

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	BASF SE Carl-Bosch-Str. 38 67056 Ludwigshafen GERMANY	230008744-2 of 29 Nov.2012	DIN EN 13823
MPA NRW	BASF SE Carl-Bosch-Str. 38 67056 Ludwigshafen GERMANY	230008744-4 of 29 Nov.2012	DIN EN ISO 11925-2

Indication 1: This modified reissue of the classification report is based on oriented tests, the results of which are documented in the following test report.

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	BASF SE Carl-Bosch-Str. 38 67056 Ludwigshafen GERMANY	231001744-3 of 21 Dec.2022	DIN EN 13823

Indication 2: The results of these indicative tests confirm the classification of the product described in section 1.

2.2 Test results

Test method	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN 13823	8	FIGRA _{0,4} (W/s)	203.7	---
		THR _{600s} (MJ)	3.1	---
		LFS < outer edge	--	yes
		SMOGRA (m ² /s)	62.0	---
		TSP _{600s} (m ²)	158.7	---
		Burning droplets / particles (s)	0	---

Test method	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN ISO 11925-2	18 x K and 18 x F	F _s ≤ 150 mm	--	yes
		Burning droplets / particles	--	no

Remark: K = tested with flames exposed to the edge, F = tested with flames exposed to the surface

Indication: The classification is based on test reports no. 230008744-2 dated 29.11.2012 and 230008744-4 dated 29.11.2012.

3. Classification and direct field of application

3.1 Reference

The classification was carried out in accordance with the clauses 11. and 14.1 of the standard DIN EN 13501-1:2010.

3.2 Classification

The tested material in relation to its fire behaviour is classified as: **C**

The additional classification regarding the smoke production is: **s2**

The additional classification regarding burning droplets / particles is: **d0**

This results in a classification of the reaction to fire behaviour of the tested material:

Fire behaviour	Smoke production	Burning droplets / particles
C	s2	d0

i.e. **C – s2, d0**

3.3 Field of application of the product

The classification is solely valid for the product described in clause 1 for the following fields of application:

- Directly laid and mechanically fixed onto substrates classified as A1 or A2-s1,d0 with a density of at least 653 kg/m³ and a thickness of at least 9 mm.

4. Restrictions

This classification report does not replace any type approval or certification of the product.

This classification report written in English language is issued additionally to the report written in German language with the same report number. In case of doubt the German version is solely valid. This classification report is only valid in combination with the German version of the report.

Erwitte, 21 December 2022


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