

Reaction to fire classification report no. 201173

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Reaction to fire classification report of the building product "illbruck ME010"

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Order from: 17.10.2019 – Dr. M. Komma

This classification report defines the classification assigned to the building product "illbruck ME010" in accordance with the procedures given in EN 13501-1.

This reaction to fire classification report consists of 3 pages.



The classification report shall be published unabridged. Any partial publishing requires the written allowance by the testing institute.

1 Details of classified product

1.1 Nature and end use application

The building product "illbruck ME010" is a polyester based watertight, vapour permeable breather membrane. It can be directly laid on mineral substrates and can be used as well for sealing window and facade connection joints.

1.2 Description

The product "illbruck ME010" is described in the test reports provided in support of the classification listed in section 2.1.

For the product exists currently no European product specification.

2 Test reports and test results in support of this classification

2.1 Test reports

Name of laboratory	Name of sponsor	Test report no.	Test method
MPA HANNOVER	tremco illbruck GmbH	195941	EN 13823: 2010+A1: 2014
		197025	EN ISO 11925-2: 2010-11

2.2 Test results

Test method	Parameter	Number of tests	Continuous parameter (mean)	Compliance with parameter
EN 13823	FIGRA 0,2 MJ	3	56	-
	FIGRA 0,4 MJ	3	51	-
	LFS < Rand / edge	3	-	compliant
	THR600s (MJ)	3	2,9	-
	SMOGRA (m ² /s ²)	3	19	-
	TSP600 s (m ²)	3	47	-
	Flaming droplets / particles	3	-	non-compliant
EN ISO 11925-2 Exposure = 30 s				
Surface exposures Clause 7.3.3.1	F _s ≤ 150 mm	6	-	compliant
Edge exposures Clause 7.3.3.2.2	F _s ≤ 150 mm	6	-	compliant
Flaming droplets / particles	Ignition of the filter paper	12	-	non-compliant

3 Classification and direct field of application

3.1 Reference

This classification has been carried out in accordance with clauses 11.6 and 14.1 of EN 13501-1: 2007+A1:2009.

3.2 Classification

The building product "illbruck ME010" in relation to its reaction to fire behaviour is classified: B

The additional classification in relation to smoke production is: s1

The additional classification in relation to flaming droplets/particles is: d0

The format of the reaction to fire classification for construction products is:

Fire behaviour	Smoke production		Flaming droplets/particles	
B	s	1	d	0

Reaction to fire classification: B-s1, d0

3.3 Field of application

This classification is valid for the following end use conditions:

- Substrates: mineral substrates of class A1 or A2-s1,d0 in accordance with EN 13501-1 and with a density $\geq 615 \text{ kg/m}^3$
- Fixing: with strips of the adhesive "illbruck SP025"
- Joints: butt joints
- Ventilated air space: no

This classification is also valid for the following product parameters:

- Nominal thickness of the product: 0,35 mm $\pm 10 \%$
- Mass per unit area: 190 g/m² $\pm 10 \%$

4 Limitations

4.1 Warning

This document does not represent type approval or certification of the product.

Hanover, 17 March 2020

Head of fire laboratory



(ORR Dipl.-Ing. Restorff)



Technician



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