

Report of the classification of the reaction to fire performance

No. 230008195-4

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English version

Sponsor

M&T Reklam ve Paz. San. Tic. Ltd. Sti.
Sekerpinar Cumhuriyet Mah Selin Sok. No:1

41400 Gebze / KOCAELI
Turkey

Order

Classification of the reaction to fire performance according to DIN EN 13501-1:2010-01

Date of order:

25th September 2011

Name of the classified product:

Colourless, clear polyester sheet of the series "P-21"

Notified Body: 0432

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

1 Description of the building product

Colourless, clear polyester sheet

Thickness: 1,0 mm

Density: 1340 kg/m³

2. Test reports and test results supporting the classification

2.1 Test reports

Name of the test laboratory	Sponsor	No. of the test report	Test procedure
MPA NRW	M&T Reklam ve Paz. San. Tic. Ltd. Sti.	230008195-2 230008195-3	DIN EN ISO 11925 – 2 DIN EN 13823

2.2 Test results

The following test results are the basis of the classification

Test method	Parameter	Number of tests performed	Test results	
			Average values of continously parameter	Requirements of diskrete parameter
DIN EN ISO 11925-2 30 s flaming time	Flamespread ≤150 mm	12	--	yes
	Burning droplets/particles			no
DIN EN 13823	FIGRA _{0,2} in W/s	3	28	--
	FIGRA _{0,4} in W/s		25	--
	THR _{600s} in MJ		2,4	--
	LFS _{edge}		--	< edge
	SMOGRA in m ² /s ²		7	--
	TSP _{600s} in m ²		58	--
	Duration of burning droplets/particles in s		0	--

3. Classification and direct field of application

3.1 Reference

This classification was carried out in accordance to the clauses 11 and 14 of the standard DIN EN 13501-1:2010-01.

3.2 Classification

The tested building product in relation to its reaction to fire behaviour is classified as: **B**

The additional classification in relation to smoke production is: **s2**

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

The classification of the reaction to fire performance is therefore:

Fire behaviour	Smoke development	Flaming droplets
B	s2	d0

i. e. **B – s2,d0**

3.3 Field of application of the product

The classification is valid solely for the product described in clause 1 for the free standing respectively free hanging application in a distance of at least 80 mm to equal or other flat building products.

4. Restrictions

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

5. Remark

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 valid solely.

Erwitte, 22nd February 2012
 Head of notified testing body



Dipl.-Ing. Rademacher

Date of issue of this English version: 16th July 2013

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Engineer in charge



Dipl.-Ing. Schreiner