

REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH EN 13501-1:2010-01

1. Introduction

This classification report defines the classification for reaction to fire performance according to EN 13501-1:2010-01

2. Details of classified product

2.1 Nature and end use application

Classification given in this classification report is valid the construction product's following end use application: decoration.

If the product is furnished subsequently with any sort of additional coatings its reaction to fire performance is to be tested and classified separately for this end use application.

2.2 Brief Description

Stage backdrop made with fireproof fabric.
 Name product: SMG32
 Weight: 320 g/sqm
 Composition: 64% cotton, 36% polyester
 Top edge with sewn webbing and burnished eyelets
 Measured surface weight: (332±19) g/m²
 Measured thickness: (1,7±0,1)mm
 Colours: black

3. Test results in support of classification

Test method	Parameter	Number of test	Results	
			Mean value	Parameter
EN 13823:2015-02	FIGRA 0,2 MJ	4	423	(—)
	FIGRA 0,4 MJ ≤ 250 W/s		178	Yes
	THR 600S ≤ 1.5 MJ		1,02	Yes
	TSP600S		327	Yes
	SMOGRA		79	Yes
	LFS < border of the sample		Yes	Yes
	Flaming droplets/particles		No	Yes
EN ISO 11925-2:2011-02 Surface/edge flame attack Flaming droplets/lpar- ticles	F _s ≤ 150 mm	12	Yes	Yes
	Ignition of filter paper		No	Yes
(—): do not concern				

4. Classification and direct field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11.5 of EN 13501-1:2010-01

4.2 Classification

The product "SMG32" in relation with the fire behaviour is classified: **C**

The additional classification in relation to smoke production is: **s3**

The additional classification in relation with burning droplets/particles is: **d0**

Fire behaviour	Smoke production	Burning droplets
C	s3	d0

Classification of fire behaviour: **C — s3, d0**

4.3 Field application

The classification in clause 4.2 is valid solely for the material as described in clause 2 in the tested thickness of $(1,7 \pm 0,1)$ mm, area weight of (332 ± 19) g/m², color black and for the free hanging use.

5. Information

Used in connection with other materials, especially other substrates/backings, air gaps/voids, types of fixation, joints, thickness - or density-ranges than given in clause 4.3 is performance is likely to be influence this negative, that the given classification in clause 4.2 is no longer valid. Fire performance in connection with other materials, other substrates/backings, air gaps/voids, types of fixation, joints, thickness - or density-ranges, is to be tested and classified separately.

If the product is furnished with any additional sort of coatings its fire performance is to be tested and classified separately.