



Laboratory for Fire Safety

*Classification of reaction to fire performance in
accordance with EN 13501-1:2007+A1:2009 of Probo
WallTexPro polyester wallcovering*

Classification report

Laboratory for Fire Safety

Classification of reaction to fire performance in accordance with EN 13501-1:2007+A1:2009 of Probo WallTexPro polyester wallcovering

Classification report

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Product name Probo WallTexPro wallcovering

Report number Y 2094-4E-RA-001
Date 11 March 2019
Reference JM/NvD//Y 2094-4E-RA-001
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1 Introduction

On behalf of Probo Sign B.V. an test was performed with respect to the reaction to fire properties of Probo WallTexPro wall polyester wallcovering.

This classification report defines the reaction to fire classification of the product in accordance with the procedures described in EN 13501-1: 2007 + A1: 2009.



For this type of measurements the Laboratory for Fire safety has been accredited by the Dutch "Raad voor Accreditatie" (RvA).

The RvA is member of EA MLA (**EA MLA: European Accreditation Organisation MultiLateral Agreement**: <http://www.european-accreditation.org>).

EA: "Certificates and reports issued by bodies accredited by MLA and MRA members are considered to have the same degree of credibility, and are accepted in MLA and MRA countries."

2 Product description

The product tested is Probo WallTexPro polyester wallcovering. In accordance with the European product standard EN 15102:2007, the product is a decorative wallcovering for hanging onto internal walls, partitions or ceilings, by means of an adhesive, whose primary purpose is decorative. The finished wallcovering with a polyester woven textile front face is not intended to be decorated after hanging. In Table 1, the product specifications are given.

t1 According to the information provided by the sponsor, the product is composed of:

Product	Probo WalltexPro		
Total	WallTexPro	Thickness:	0.42 mm
		Surface weight:	373 g/m ²
		Colour:	Black
		Surface:	Fine-textured Textile woven
		Weaving direction:	warp direction (longitudinal direction)

The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

3 Test reports and test results in support of the classification

3.1 Test reports

The following test reports were used:

Name of the laboratory	Name of client	Number and date of the test report	Test method
Peutz bv	Probo Sign B.V.	Y 2094-2E-RA-001, 11 March 2019	NEN-EN 13823:2010+A1:2014
Peutz bv	Probo Sign B.V.	Y 2094-3E-RA-001, 11 March 2019	EN-ISO 11925-2:2010

3.2 Test results

The test results are summarised as follows:

Test method	Parameter	Number of tests	Results		Criteria for class C	
			Continuous parameters	Compliance parameters	Continuous parameters	Compliance parameters
EN-ISO 11925-2, flame application time 30 s						
– Surface exposure	$F_s \leq 150$ mm	6	max. 46 mm	-	≤ 150 mm	-
	Ignition filter paper		-	N	-	N
– Edge exposure	$F_s \leq 150$ mm	6	max. 45 mm	-	≤ 150 mm	-
	Ignition filter paper		-	N	-	N

Test method	Parameter	Number of tests	Results		Criteria for class C-s1,d0	
			Continuous parameters average	Compliance parameters	Continuous parameters	Compliance parameters
EN 13823						
	THR _{600s} [MJ]	3	2.8	-	≤ 15	-
	FIGRA _{0,2MJ} [W/s]		152	-		-
	FIGRA _{0,4MJ} [W/s]		150	-	≤ 250	
	TSP _{600s} [m ²]		40	-	≤ 50	-
	SMOGRA [m ² /s ²]		4	-	≤ 30	-
	LFS < edge		-	Y	-	Y
	Droplets/particles – FDP ≤ 10 s – FDP > 10 s		-	N N	-	N N

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.

4.2 Classification

The product, Probo WallTexPro, has been classified to its reaction to fire behaviour as:

C

The additional classification for the smoke production is:

s1

The additional classification for flaming droplets is:

d0

**Reaction to fire classification:
C-s1, d0**

4.3 Field of application

This classification is valid for the following end use parameters:

Fixing:	Glued to any backing with Flexxs Medium adhesive (approx. 600 g/m ² Flexxs Medium adhesive was used before glue spreading with squeegee)
Backing:	Euroclass A2-s1,d0 or better with a nominal thickness of at least 9 mm and a density of at least 652,5 kg/m ³
Other:	Use as decorative wallcovering for hanging onto internal walls, partitions or ceilings, by means of an adhesive, whose primary purpose is decorative. The finished wallcovering with a polyester woven textile front face is not intended to be decorated after hanging.

This classification is valid for the following product parameters:

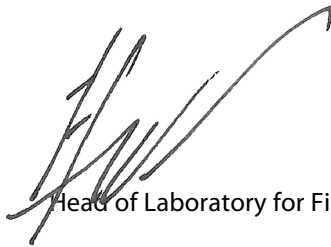
Product thickness:	0.42 mm
Surface weight:	373 g/m ²
Product composition:	No variation allowed
Flame retardants:	No
Colour:	Black
Surface:	Fine-textured textile woven on the fire exposed side
Weaving direction:	Warp direction (longitudinal direction)

5 Limitations

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

Mook,

J.J. Mertens, MSc.



Head of Laboratory for Fire Safety

D.J. Den Boer B.Sc.



Management

This report contains 7 pages