CLASSIFICATION REPORT
REACTION TO FIRE
according to PN-EN 13501-1:2019

Contract №: 02953/24/Z00NZP

Customer:	**Stottrop-Textil GmbH Grevener Damm 93 48282 Emsdetten**
Prepared by:	**Fire Research Department Building Research Institute 1 Filtrowa Str. 00-611 Warszawa**
Product name:	**GLASS DIGITAL**
Classification report №:	**02953.5/24/Z00NZPEZ (supersedes 02953.5/24/Z00NZPE)**
Issue nr:	**1**
Date of issue:	**14.03.2025**

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1. Introduction

This classification report defines the classification assigned to GLASS DIGITAL in accordance with procedures given in PN-EN 13501-1:2019.

2. Details of the classified product

2.1. General

GLASS DIGITAL is used in public buildings, exhibition stand and theatre construction, illuminated ceilings, printing media.

2.1 Product description

The product is described below.

GLASS DIGITAL glass-fiber-fabric coated on one side with white polyurethane

- Thickness: 0.20 mm
- Surface density: about 255 g/m^2

3. Test reports and test results as a basis for the classification

3.1. Test reports

Laboratory	Customer	Test report nr	Test method
Fire Testing Laboratory Building Research Institute	Stottrop-Textil GmbH	LZP10-02953/24/Z00NZP-ENG	PN-EN ISO 1716:2010
		LZP09-02953/24/Z00NZP-ENG	PN-EN 13823+A1:2022-12

3.2. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with the parameter
PN-EN ISO 1716:2010	PCS (MJ/kg)	3	0.88	(–)
PN-EN 13823+A1:2022-12	FIGRA $_{0,2MJ}$ [W/s]	3	0.0	(–)
	FIGRA $_{0,4MJ}$ [W/s]		0.0	(–)
	LFS < edge		(–)	T
	THR_{600s} [MJ]		0.1	(–)
	SMOGRA [m^2/s^2]		0.0	(–)
	TSP_{600s} [m^2]		7.2	(–)
	Flaming droplets/particles		(–)	N
(–): not applicable, Y: Yes, N: No				

4. Classification and the field of application

4.1. Reference of the classification

The classification has been carried out in accordance with PN-EN 13501-1:2019.

4.2. Classification

The product, GLASS DIGITAL, in relation to its reaction to fire behaviour is classified:

A2

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 excluding floorings and linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets	
A2	**-**	**s**	**1**	**,**	**d**	**0**

i.e.: A2-s1,d0

Reaction to fire classification: A2-s1,d0

4.3 Field of application

This classification is valid for product parameters described in section 2.

This classification is valid for the following end-use applications:

- GLASS DIGITAL installed directly on substrates or with an air gap from gypsum plasterboard or non-combustible substrates with a reaction to fire class at least A2-s1,d0.

5. Limitations

This classification will be valid until:

- The test method remains unchanged,
- Product standard or technical assessment remains unchanged,
- Constructional or material modifications do not exceed the limits of the field of application defined in 4.3.

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This classification document does not represent a technical assessment or certification of the product.

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