

**Classification report on reaction to fire in
accordance with DIN EN 13501-1:2019-05**

- Translation -

Classification report no.:

Client:

ATE VITRATECH
BP 204 Zone SOGARIS
Bâtiment Administratif
94654 RUNGIS Cedex

Prepared by:

Materialprüfanstalt für das Bauwesen
Beethovenstrasse 52
38106 Braunschweig, Germany

No. of the notified body:

Construction product:

0761-CPD
Waterproofing sheet in accordance with
DIN EN 13859-2:2014-07.

Version no.:

Product designation: "TWINFLEX® CFR" First version

Version date:

21/10/2021

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1 Introduction

This classification report on the reaction to fire specifies the classification assigned to the construction product listed below in compliance with the procedure stipulated in DIN EN 13501-1:2019-05.

2 Details of the classified construction product

2.1 General

The construction product is a waterproofing sheet in accordance with DIN EN 13859-2:2014-07. The waterproofing sheet consists of a polyester needle-punched nonwoven coated on one side with thermoplastic polyurethane.

2.2 Description of the construction product

The construction product is described in full in the test reports listed in Section 3.1 that form the basis of the classification.

3 Test reports and test results on which the classification is based

3.1 Test reports

Name of testing laboratory	Name of client	Number of test report	Test procedures
MPA Braunschweig	ATE VITRATECH	2301/263/21-a dated 21/10/2021	DIN EN 13823:2015-02
MPA Braunschweig	ATE VITRATECH	2301/263/21-b dated 21/10/2021	DIN EN ISO 11925-2:2011-02

3.2 Test results

Test procedures	Parameters	Number of tests	Test results	
			Continuous parameters	Discrete parameters
EN 13823	FIGRA _o 2MJ [W/s]	3	0	--
	FIGRA _o .4MJ [W/s]		0	--
	THR _{ti} 00s [MJ]		0.7	--
	LFS < edge		--	fulfilled
	SMOGRA [m ² /s ²]		0	--
	TSP _{eo} 0s [m ²]		32	--
	Burning droplets		--	no

Test procedures	Parameters	Number of tests	Test results	
			Continuous parameters	Discrete parameters
EN ISO 11925-2	FS s 150 mm Ignition of filter paper	6	-- -	fulfilled no

4 Classification and field of application

4.1 Reference for classification

The classification was conducted in accordance with DIN EN 13501-1:2019-05, Section 11.6.

4.2 Classification

The construction product is classified as follows with regard to its reaction to fire.

B

The additional classification for smoke development is:

s1

The additional classification for burning droplets/falling particles is:

d0

The format for classifying the reaction to fire for construction products, excluding floor coverings and pipe insulation, is:

Reaction to fire	Smoke development	Flaming droplets
B	s 1	d 0

Classification of reaction to fire: B-s1,d0

4.3 Field of application

This classification is valid for the following end uses and product parameters:

4.3.1 Scope of validity of the end use

Parameters	Scope of validity of the classification
End use	Waterproofing sheet for fac;ades
Substrate	Spacing 80 mm to other construction materials

4.3.2 Scope of validity of the individual components

Component	Parameters	Scope of validity of the classification
TWINFLEX® CFR	Thickness	0.5 mm± 10%
	Weight per unit area	200 g/m ² ± 10%
Coating	Colour	Black
	Basis	Polyurethane
Nonwoven	Colour	grey
	Basis	Polyester

5 Please note

- 5.1 When combined with other construction materials, the reaction to fire may be impaired to the extent that the classification in Section 4.2 is no longer valid. In such cases, the reaction to fire must be verified separately.
- 5.2 This classification report is not a type approval or product certification and does not replace any technical certificates that may be necessary under German construction law (state building codes).
- 5.3 The manufacturer has not made any declaration as to the categorisation of their construction product in a system used to verify conformity for CE marking in the context of the Construction Products Regulation (CPR).
- 5.4 This document is the translated version of the classification report no. K-2301/263/21-MPA BS dated 21/10/2021. The legally binding text is the aforementioned German classification report.

Prepared by:

Checked and approved by:

i.A.
Techn. Employee D. Rohr
Engineer/Official in Charge



DRR Dipl.-Ing. Petra Aeissen
Head of Section

The document was created electronically and is valid without signature.