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ROOFS/ROOF COVERINGS EXPOSED TO EXTERNAL FIRE - CLASSIFICATION REPORT No. EUI-25-000695

1. INTRODUCTION

This classification report defines the classification assigned to roof/roof covering, Glass Fabric Coated with PVC membrane, in accordance with the procedures given in BS EN 13501-5:2016.

REACTION TO FIRE CLASSIFICATION IN ACCORDANCE WITH BS EN 13501-5:2016

Sponsor: **SERGE FERRARI**
Zone Industrielle - BP 54 - 38352
LA TOUR DU PIN Cedex
FRANCE

Product name: Glass Fabric Coated with PVC membrane
Referenced: F4900

Classification report No.: EUI-25-000695

Issue number: 1

Date of issue: 10/10/2025

This classification report consists of 7 pages and shall only be used or reproduced in its entirety.

2. DOCUMENT TRACKING

Revision Index.	Modification	Comments	Date		
0	Original document	/	10th October 2025	*Writer*	MANGA
				Reviewer	SVE
				Approver	MKE

3. DESCRIPTION OF THE PRODUCT

3.1. GENERAL INFORMATION ABOUT THE TESTED PRODUCT

The product tested was, Glass Fabric coated with PVC.

The information below were provided by the applicant who attests their accuracy.

Manufacturer / Supplier	**VERSEIDAG- INDUTEX GmbH** (Serge Ferrari Group) Krefeld Industriestrass 56 GERMANY	
Identification of the product	Glass Fabric Coated with PVC	
General description	General build-up	Glass fabric coated with PVC and varnished on both sides
	Thickness	0.56 mm
	Density	N/A
	Mass per unit area	0.89 kg/m2

3.2. PRODUCT DESCRIPTION

The roof/roof covering Glass Fabric Coated with PVC membrane comprises:

Layer	Characteristics	Value / Description	Unit
Membrane	Material	Glass fabric coated with PVC and varnished on both sides	-
	Trade name	F4900	-
	Manufacturer/supplier	VERSEIDAG- INDUTEX GmbH (Serge Ferrari Group)	-
	Thickness	0.56	mm
	Colour	White	-
	Coating reference and manufacturer/supplier (if applicable)	N/A	-
	Mass per unit area	0.89	kg/m²
	Density	Not provided by the sponsor of the test	kg/m³
	Thermal conductivity	Not provided by the sponsor of the test	W/m.K
	PCS value	Not provided by the sponsor of the test	MJ/m²
	Reaction to fire classification, according to EN 13501-1	C-s3, d0	-
	Fire retardant treatment (if applicable)	Yes	-
	Fixing/application method	N/A	-
	Fixing reference and manufacturer/supplier (if applicable)	N/A	-

N/A: Not applicable

These products conform to the following European Standard(s), ETAs or other relevant product specifications:
None

4. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1. REPORTS

Name of Laboratory	Name of sponsor	Report ref. no	Test method
EFECTIS UK/Ireland	SERGE FERRARI	EUI-25-RT4-000695	CEN/TS 1187:2012 Test 4

4.2. TEST RESULTS

4.2.1. Test conditions:

Test pitch	45°
Deck	N/A
Supporting structure	N/A

4.2.2. Preliminary test (Stage 1):

Parameter	Criteria				Test results [a]	Compliance			
	Class $B_{ROOF}(t4)$	Class $C_{ROOF}(t4)$	Class $D_{ROOF}(t4)$	Class $E_{ROOF}(t4)$	Specimen 1	Class $B_{ROOF}(t4)$	Class $C_{ROOF}(t4)$	Class $D_{ROOF}(t4)$	Class $E_{ROOF}(t4)$
Burn time (min:s)	< 5 min	< 5 min	< 5 min	≥ 5 min	< 5 min	Yes	Yes	Yes	Yes
Flame spread distance (mm)	< 0.38 m	< 0.38 m	< 0.38 m	No limit	< 0.38 m	Yes	Yes	Yes	Yes
Penetration	None	None	None	None	None	Yes	Yes	Yes	Yes

[a] Not for extended application

4.2.3. Penetration test (Stage 2):

Parameter	Criteria				Test results				Compliance			
	Class $B_{ROOF}(t4)$	Class $C_{ROOF}(t4)$	Class $D_{ROOF}(t4)$	Class $E_{ROOF}(t4)$	Specimen 1	Specimen 2	Specimen 3	Mean[b]	Class $B_{ROOF}(t4)$	Class $C_{ROOF}(t4)$	Class $D_{ROOF}(t4)$	Class $E_{ROOF}(t4)$
Penetration time (min:s)	≥ 60 min	< 60 min	< 30 min	< 30 min	≥ 60 min	≥ 60 min	≥ 60 min	≥ 60 min	Yes	Yes	Yes	Yes
		≥ 30 min										

[b] If one or two of the specimens have not failed at one hour, a time of 60 min shall be used in calculating the mean time of the penetration.

5. CLASSIFICATION AND FIELD OF APPLICATION

5.1. REFERENCE

This classification has been carried out in accordance with BS EN 13501-5:2016.

5.2. CLASSIFICATION

The roof / roof covering Glass Fabric coated with PVC, in relation to its external fire performance is classified:

B_{ROOF} (t4)

This European Standard does not represent type approval or certification of the product.

5.3. FIELD OF APPLICATION

This classification is valid for the product parameters and composition, as tested, described in the section 3.2 test report(s) in support of the classification listed in 4.1.

The classification is valid for the following end-use parameters:

Parameters	Conditions
Range of pitches	Valid only for 10° ≤ pitch ≤ 70°
Decking & supporting construction	Not applicable, as the system was tested without decking or supporting construction.

6. LIMITATIONS

6.1. RESTRICTIONS

Consult classification standard and national laws and regulations for limitations on the period of validity of the classification.

6.2. WARNING

This European Standard does not represent type approval or certification of the product. The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriates references, supplied by manufacturer, to provide for traceability of the sample tested.

Report	Name	Signature [a]	Date
Prepared by	Shaneer VELLUKKANDY	Recoverable Signature X Shaneer VELLUKKANDY Project Leader Signed by: Shaneer VELLUKKANDY	10/10/2025
Reviewed by	Maurice McKEE	Recoverable Signature X Maurice McKEE Testing Technical Supervisor Signed by: Maurice McKee	10/10/2025

[a] For and on behalf of Efectis UK/Ireland