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REACTION TO FIRE - CLASSIFICATION REPORT EUI-22-000508-C

1. INTRODUCTION

This classification report defines the classification assigned to Contra Vision Performance White on Black Perforated Window Film in accordance with the procedures given in BS EN 13501-1:2018.

REACTION TO FIRE CLASSIFICATION IN ACCORDANCE WITH BS EN 13501-1:2018

Sponsor :	Contra Vision Supplies Ltd 19-21 Ack Lane East, Bramhall SK7 2BE Stockport UNITED KINGDOM
Prepared by:	Efectis UK/Ireland Jordanstown Campus, FireSERT Building Block 27, Shore Road Newtownabbey BT 37 0QB United Kingdom
Product name:	Contra Vision Performance White on Black Perforated Window Film
Classification report No.:	EUI-22-000508-C
Issue number:	1
Date of issue:	11th of April, 2023

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2. DOCUMENT TRACKING

Revision Index.	*Modification*
0	Original document

3. DESCRIPTION OF THE PRODUCT

3.1. GENERAL

The product, Contra Vision Performance White on Black Perforated Window Film, is defined as a window film.

3.2. PRODUCT DESCRIPTION

The product, Contra Vision Performance White on Black Perforated Window Film, is described below or is described in the reports provided in support of classification listed in 4.1.

Product description		
Trade mark	Contra Vision Performance White on Black Perforated Window Film	
Composition	Layer 1 (test face)	Reference name: White/Black Polymeric PVC Thickness: 0.18mm Mass per unit area: 0.1525 kg/m^2 Colour: White/Black Relative to the final product: 80%
	Adhesive	Reference name: Adhesive Thickness: 0.035mm Mass per unit area: 0.035 kg/m^2 Colour: Clear Relative to the final product: 20%
Thickness	0.215 mm	
Mass per unit area	0.1875 kg/m^2	
Density	872.1 kg/m^3	
Colour	White/Black PVC film with clear adhesive	

4. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1. REPORTS

Name of Laboratory	**Name of sponsor**	**Report ref. no**	**Test method and date field of application rules and date**
EFECTIS UK/Ireland	Contra Vision Supplies Ltd	EUI-22-SBI-000508-C	BS EN 13823 : 2020
EFECTIS UK/Ireland	Contra Vision Supplies Ltd	EUI-22-SFB-000508-C	BS EN ISO 11925-2 : 2020

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4.2. RESULTS

Test method and test number	Parameter	No. Tests a)	Results		
			Continuous parameter - mean (m)	Compliance with parameters	
BS EN 13823 : 2020 EUI-22-SBI-000508-C	FIGRA $_{0,2\ MJ}$ (W/s)	3	0.00	-	
	FIGRA $_{0,4\ MJ}$ (W/s)		0.00	-	
	THR $_{600\ s}$ (MJ)		0.33	-	
	LFS		-	Compliant	
	SMOGRA		0.00	-	
	TSP $_{600s}$ (m^2)		1.00	-	
	Flaming droplets or particles		-	Compliant	
BS EN ISO 11925-2 : 2020 EUI-22-SFB-000508-C	Fs	12	-	Compliant	Compliant
	Filter paper		-	Compliant	Compliant

a) Not for extended application
(-) means not applicable

5. CLASSIFICATION AND FIELD OF APPLICATION

5.1. REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with BS EN 13501-1:2018.

5.2. CLASSIFICATION

The product, Contra Vision Performance White on Black Perforated Window Film, in relation to its reaction to fire behaviour is classified:
B

The additional classification in relation to smoke production is:
s1

The additional classification in relation to flaming droplets / particles is:
d0

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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	
B	-	s	1	,	d	0

i.e.B-s1,d0

Reaction to fire classification	B-s1,d0

5.3. FIELD OF APPLICATION

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

Thickness	Valid for the thickness of 0.215 mm
Density	Valid for the density of 872.1 kg/m^3
Type of product/ facings	Valid for tested type of product only (same formulation as described in section 3.2)
Asymmetry	Valid for fire on White/Black Polymeric PVC
Substrate	Valid with any toughened glass substrate of at least A1 class and at least 6 mm thickness
Air gaps / cavities	Valid without any air gap / cavity
Fixing of the test specimen	Valid to be adhered to the substrate

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6. LIMITATIONS

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

SIGNED

Hamed Zoghi
Project leader

APPROVED

Damien Flammier
Technical Manager