Reaction to fire classification report No. 19799B

Owner of the classification report

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Introduction

This classification report defines the classification assigned to the product ***'Silver Etch ACT'*** in accordance with the procedures given in the standard EN 13501-1:2018: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

This classification report consists of 5 pages and may only be used or reproduced in its entirety

1. DETAILS OF CLASSIFIED PRODUCT

a) General

The product ***Silver Etch ACT*** is defined as a '*self-adhesive window film*'.
Its classification is valid for the following end use application(s):
Used as window film.

b) Product description

This description is based on information given by the sponsor.

	Nominal values
Silver Etch ACT	
Type of product	Self-adhesive window film consisting of a PVC face film, a polyacrylic adhesive and a (protective) release liner on the back side of the product. The release liner is removed before testing (according to the end-use application), thus is not included below.
Manufacturer	iSee2 BVBA
Total thickness (µm), excluding the release liner	80
Total surface mass (g/m²), excluding the release liner	140
Use of fire retardants	No
Colour	Silver/Grey
Adhesive : Permanent clear solvent based acrylic	
Type of product	Polyacrylic
Manufacturer	iSee2 BVBA
Application rate (g/m²)	20
Application method	Exterior marking and signage

More details (e.g. mounting and fixing) are available in the test report in support of this classification (§2a).

2. TEST REPORTS AND EXAP REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

a) Test reports (and EXAP reports)

Name of the laboratory	Name of the sponsor	Test report ref. No.	Test method and date
WFRGENT nv Ghent, Belgium	iSee2 BVBA	19799A	EN ISO 11925-2:2010/AC:2011

b) Test results

Test method	Parameter	Number of tests	Results		Criteria for Class E	
			Continuous parameters Mean	Compliance parameters	Continuous parameters	Compliance parameters
EN ISO 11925-2 (*) (1) 15 s flame application:						
Surface exposure	$F_s \leq 150$ mm	6	(-)	Yes	(-)	Yes
- front side	Ignition filter paper		(-)	No	(-)	No
Edge exposure	$F_s \leq 150$ mm	6	(-)	Yes	(-)	Yes
- front side	Ignition filter paper		(-)	No	(-)	No

(*) The material didn't melt nor pull away from the pilot burner.
(1) Based on the results obtained in test report No. 19799A.

(-) Not applicable.

3. CLASSIFICATION AND FIELD OF APPLICATION

a) Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.
prEN 15752-2:2015 has been used as guideline for the mounting and fixing of the small flame (EN ISO 11925-2) test specimens.

b) Classification

The product ***Silver Etch ACT*** in relation to its reaction to fire behavior is classified as:

Fire behavior
E

c) Field of application

This classification for the product as described in §1b, is valid for the following end use applications:

- Substrate: Uncoated float glass sheet of Euro class A1 with a nominal thickness of at least 4 mm
- Fixing: Directly applied onto the substrate with the self-adhesive layer
- Without joints

This classification is valid for the following product parameters:

Silver Etch ACT	Total thickness, excluding the release liner	80 µm
	Total surface mass, excluding the release liner	140 g/m²
	Use of fire retardants	No
	Colour	Silver/Grey
Adhesive : Permanent clear solvent based acrylic	Application rate	20 g/m²

4. RESTRICTIONS

At the time the standard EN 13501-1:2018 was published, no decision was made concerning the duration of validity of a classification report.

Provisions of Regulation (EU) 305/2011, commonly known as the Construction Products Regulation (CPR), prevail over any conflicting provisions in the harmonized standards and technical specifications.

5. WARNING

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

According to the information mentioned by the sponsor on the technical information sheet there was no product standard for CE marking available at the time the classification report for the tested material/product was drafted.
When such a product standard is published, this report may be submitted again to the laboratory to evaluate the adequacy of the report for CE marking.

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