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CLASSIFICATION

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

Classification no.	2016-Efectis-R000185
Sponsor	Avery Dennison Graphics & Reflective Solutions P.O. Box 28 2300 AA LEIDEN THE NETHERLANDS
Product name	**Avery Dennison® MPI™ 8726 Wall Film**
Prepared by	Efectis Nederland BV
Notified body no.	1234
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Project number	ENL-15-001399
Date of issue	March 2016
Number of pages	5

1. INTRODUCTION

This classification report defines the classification assigned to **Avery Dennison® MPI™ 8726 Wall Film** in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. DETAILS OF CLASSIFIED PRODUCT

2.1 GENERAL

The product, **Avery Dennison® MPI™ 8726 Wall Film**, is defined as a wall covering.

2.2 MANUFACTURER

Avery Dennison
Graphics & Reflective Solutions
P.O. Box 28
2300 AA LEIDEN
THE NETHERLANDS

2.3 PRODUCT DESCRIPTION

According to the sponsor the product is composed of:

- Face film:
  - Canvas/Stucco 152 µm low gloss premium calendered vinyl
  - Stone 203 µm low gloss premium calendered vinyl
- Adhesive: special permanent acrylic based
- Backing paper: two sided PE coated Staflat™ paper

The product is available in the colour White.
See Appendix 'Product data sheet' in the test reports.

The product has a total thickness of approx. 152 to 203 µm and a mass per unit area of approx. 350 g/m^2 (measured on the product).

3. REPORTS, RESULTS AND CRITERIA IN SUPPORT OF THIS CLASSIFICATION

3.1 REPORTS

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis Nederland BV THE NETHERLANDS	Avery Dennison Graphics & Reflective Solutions THE NETHERLANDS	2016-Efectis-R000183 2016-Efectis-R000184	EN ISO 11925-2:2010 EN 13823:2014

3.2 TEST RESULTS

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
EN ISO 11925-2				
surface flame impingement	Fs ≤150 mm	6	20	-
	Ignition of filter paper		-	Compliant
Edge flame Impingement	Fs ≤150 mm	6	25	-
	Ignition of filter paper		-	Compliant
EN 13823				
Stone	$FIGRA_{0.2MJ}$ [W/s]	3	60	-
	$FIGRA_{0.4MJ}$ [W/s]		40	-
	THR_{600s} [MJ]		1.1	-
	LFS < edge		-	Compliant
	SMOGRA [m^2/s^2]		32	-
	TSP_{600s} [m^2]		46	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		 - -	 Compliant Compliant
Stucco	$FIGRA_{0.2MJ}$ [W/s]	1	51	-
	$FIGRA_{0.4MJ}$ [W/s]		27	-
	THR_{600s} [MJ]		1.1	-
	LFS < edge		-	Compliant
	SMOGRA [m^2/s^2]		25	-
	TSP_{600s} [m^2]		41	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		 - -	 Compliant Compliant
Canvas	$FIGRA_{0.2MJ}$ [W/s]	1	43	-
	$FIGRA_{0.4MJ}$ [W/s]		21	-
	THR_{600s} [MJ]		1.0	-
	LFS < edge		-	Compliant
	SMOGRA [m^2/s^2]		21	-
	TSP_{600s} [m^2]		27	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		 - -	 Compliant Compliant

3.3 CLASSIFICATION CRITERIA

Fire classification of construction products and building elements Excluding floorings and linear pipe thermal insulation products			
Classification criteria			
Class Test method(s)	**B**	**C**	**D**
EN ISO 11925-2 Exposure = 30 s	$F_s \leq 150$ mm within 60 s Ignition of the paper in EN ISO 11925-2 results in a d2 classification.		
EN 13823	$FIGRA_{0.2\ MJ} \leq 120$ W/s LFS < edge of specimen $THR_{600s} \leq 7.5$ MJ	$FIGRA_{0.4\ MJ} \leq 250$ W/s LFS < edge of specimen $THR_{600s} \leq 15$ MJ	$FIGRA_{0.4\ MJ} \leq 750$ W/s
Additional classification			
Smoke production	**s1** = SMOGRA ≤ 30 m^2/s^2 and $TSP_{600s} \leq 50$ m^2 ; **s2** = SMOGRA ≤ 180 m^2/s^2 and $TSP_{600s} \leq 200$ m^2; **s3** = not s1 or s2		
Flaming Droplets/particles	**d0** = no flaming droplets/ particles in EN 13823 within 600 s; **d1** = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s; **d2** = not d0 or d1.		

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11 of EN 13501-1:2007+A1:2009.

4.2 CLASSIFICATION

The product, **Avery Dennison® MPI™ 8726 Wall 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

Reaction to fire classification: B – s1, d0

4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	
• Canvas/Stucco	152 µm
• Stone	203 µm
Surface density	350 g/m^2
Other properties	Colour: White only

This classification is valid for the following end use applications:

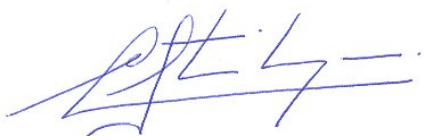
Substrate	Non-combustible (class A1 according to EN 13238:2010)
Air gap	Including air gap
Methods and means of fixing	Glued using adhesive of product
Joints	Vertical only
Other aspects of end use conditions	Wall covering

4.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

There are no limitations in time on the validity of this report.

5. LIMITATIONS

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



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