

## CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2018

Classification no.	2021-Efectis-R000036
Sponsor	Avery Dennison Matériaux Belgium Sprl Boulevard Kennedy 1 7060 SOIGNIES BELGIUM
Product name	<b>Mactac StreetRap with Mactac FloorGrip</b>
Prepared by	Efectis Nederland BV
Notified body no.	1234
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## 1. INTRODUCTION

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This classification report defines the classification assigned to **Mactac StreetRap with Mactac FloorGrip floor covering**, in accordance with the procedures given in EN 13501-1:2018.

## 2. DETAILS OF CLASSIFIED PRODUCT

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### 2.1 GENERAL

The product, **Mactac StreetRap with Mactac FloorGrip**, is defined as a floor covering.

### 2.2 MANUFACTURER

Avery Dennison MatériaIs Belgium Sprl  
Boulevard Kennedy 1  
7060 SOIGNIES  
BELGIUM

### 2.3 PRODUCT DESCRIPTION

According to the sponsor the product is composed of the two following layers:

- Mactac StreetRap:
  - face material: 70 µm white matt polymeric PVC;
  - Adhesive: solvent acrylic high-tack, transparent;
- Mactac Floorgrip:
  - face material: 150 µm clear matt polymeric PVC,
  - Film and adhesive thickness: 180 µm
- Liner: PE coated, 165 g/m<sup>2</sup>.

The product has a total thickness of approx. 350 µm, and a mass per unit area of approx. 136 g/m<sup>2</sup>.

The detailed specification is kept in file and defined in the test reports only, due to confidential purposes.

## 3. STANDARDS, TEST REPORTS & TEST RESULTS IN SUPPORT OF CLASSIFICATION

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### 3.1 APPLICABLE (PRODUCT) STANDARDS

EN ISO 11925-2:2020	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test
EN ISO 9239-1:2010	Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source
EN 13238:2010	Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates
EN 13501-1:2018	Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests

### 3.2 TEST REPORTS

Name of Laboratories	Name of sponsor	Test reports	Test method
Efectis Nederland BV THE NETHERLANDS	Avery Dennison Matériaux Belgium Sprl BELGIUM	2021-Efectis-R000023 2021-Efectis-R000033	EN ISO 11925-2:2020 EN ISO 9239-1:2010

### 3.3 TEST RESULTS

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter – maximum	Compliance Parameters
<b>EN ISO 11925-2</b>				
Surface flame impingement	F <sub>s</sub> ≤ 150 mm	6	35 mm	-
	Ignition of filter paper		-	Compliant

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance Parameters
<b>EN ISO 9239-1</b>				
	Critical Heat Flux [kW/m <sup>2</sup> ]	3	≥ 11	-
	Smoke density [%·min]		17	-

### 3.4 CLASSIFICATION CRITERIA

Classification criteria of the Flooring Radiant Panel (FRP) test			
Classification criteria			
Class	B <sub>fl</sub>	C <sub>fl</sub>	D <sub>fl</sub>
Test method(s)			
<b>EN ISO 11925-2</b> Exposure = 15 s	F <sub>s</sub> ≤ 150 mm within 20 s		
<b>EN ISO 9239-1</b> Critical flux [kW/m <sup>2</sup> ]	≥ 8.0	≥ 4.5	≥ 3.0
Additional classification			
Smoke production	s <sub>1</sub> = ≤ 750% min s <sub>2</sub> = > 750% min		

#### 4. CLASSIFICATION AND FIELD OF APPLICATION

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##### 4.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 12 of EN 13501-1:2018.

##### 4.2 CLASSIFICATION

The product, **Mactac StreetRap with Mactac FloorGrip floor covering**, in relation to its reaction to fire behaviour is classified:

**B<sub>fl</sub>**

The additional classification in relation to smoke production is:

**s1**

**Reaction to fire classification: B<sub>fl</sub> - s1**

##### 4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	Approx. 350 µm
Surface density	Approx. 164 g/m <sup>2</sup>
Other properties	type adhesive: solvent acrylic high-tack, transparent

This classification is valid for the following end use applications:

Substrate	Non-combustible (class A1/A2 according to EN 13238:2010)
Methods and means of fixing	Glued

##### 4.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

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

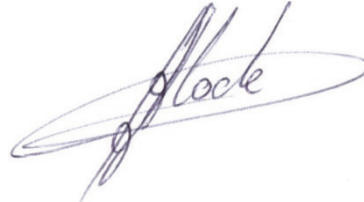
## 5. LIMITATIONS

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



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