



Declaration of Performance

No : DOP-CPR-01001

1. Product type
Decorative wallcovering referenced: " Cotton backed vinyl wallcovering, FR treated, with total mass of 360 – 850 g/m²"
2. Product type reference - For details see label on the rolls.
3. Intended use
Hanging on to internal walls or partitions having a fire performance of A2-s1, d0 or better by means of adhesive for the primary purpose of decoration
4. Manufacturer
Vescom BV
St. Jozefstraat 20
5753 AV Deurne The Netherlands
5. Authorized representative - Not applicable
6. System of assessment - System 1
7. Harmonized standard EN 15102
Notified product certification body Centexbel: 0493, performed the determination of the product type on the basis of type testing (including sampling), initial inspection of the manufacturing plant and of factory production control, continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the certificate of constancy of performance 0493-CPR-W014

8. Declared performance

Essential characteristic		Performance	Harmonized technical specification
Reaction to fire EN 13501-1	EN 13501-1	B-s2, d0	EN 15102:2007 A1:2011
Release of formaldehyde	EN 12149-C	< 0.1 mg / kg	
Release of vinyl chloride monomer	EN 12149-B	< 0.2 mg / kg	
Release of heavy metals	EN 12149-A	Antimony < 0.60 mg / kg	
		Arsenic < 0.50 mg / kg	
		Barium 5.58 mg / kg	
		Cadmium < 0.10 mg / kg	
		Chromium < 0.20 mg / kg	
Lead < 0.05 mg / kg			
Mercury < 0.10 mg / kg			
Selenium < 1.00 mg / kg			
Sound absorption		NPD	
Thermal resistance		NPD	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by
Frank van Werkum, Director

Deurne , December 18th, 2023



Certificate of constancy of performance

0493 - CPR - W014

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Decorative wall covering, cotton backed vinyl wall covering, FR treated

Vinyl topcoat of 410 – 810 g/m² and cotton backing of 40 g/m²

Total mass: 450 g/m² - 850 g/m²

B-s2, d0

Used over a Calcium silicate plate 11 mm 870 kg/m³ and all substrates classified A1 and A2-s1,d0 which density is superior to 652.5 kg/m³ (except plasterboards) glued with vertical joint

produced by or for

VESCOM BV

St. Jozefstraat 20

5753 AV DEURNE

NEDERLAND

and produced in the manufacturing plant (s)

VESCOM BV

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 15102:2007+A1:2011

under system 1 are applied and that

the product fulfils (products fulfil) all the prescribed requirements set out above.

This certificate was first issued on July 7th 2017 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly and latest on July 31st 2026.

This certificate has been drawn up in accordance with the general certification regulation of Centexbel which is available via <https://www.centexbel.be>

This certificate consists of 1 certificate and 1 annex

Zwijnaarde, July 31st 2023



Inge De Witte
Certification Manager

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**Annex
of
Certificate of constancy of performance**

0493 - CPR - W014

Decorative wall covering, cotton backed vinyl wall covering, FR treated

Related commercial names to this product group are:

- Vescom vinyl wallcoverings
- Vescom XL digitally printed vinyl wallcovering

The obtained classification is based on the next test reports:

- CREPIM: DO-18-0159/A-R1 dd. 21/08/2018
- CREPIM: DO-18-0260/A-R1 dd. 28/09/2018
- Efectis: 2023-Efectis-R000330
- Efectis: 2023-Efectis-R001392

This certificate consists of 1 certificate and 1 annex



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

Classification no.	2023-Efectis-R001392
Sponsor	Vescom B.V. Sint Jozefstraat 20 5753 AV DEURNE THE NETHERLANDS
Product name	Vinyl Wallcovering 850 g/m²
Prepared by	Efectis Nederland BV
Notified body no.	1234
Author(s)	A. González Santamaría M.Sc. A.J. Lock
Project number	ENL-23-001064
Date of issue	December 2023
Number of pages	5

1. INTRODUCTION

This classification report defines the classification assigned to **Vinyl Wallcovering 850 g/m²** in accordance with the procedures given in EN 13501-1:2018.

2. DETAILS OF CLASSIFIED PRODUCT

2.1 GENERAL

The product, **Vinyl Wallcovering 850 g/m²**, is defined as a wall covering.

2.2 MANUFACTURER

Vescom B.V.
Sint Jozefstraat 20
5753 AV DEURNE
THE NETHERLANDS

2.3 PRODUCT DESCRIPTION

According to the sponsor the product is composed of:

- Vinyl wallcovering with a thickness of 0.75 mm and with a mass per unit area (surface density) of 810 g/m²;
- Cotton backing with a thickness of 0.25 mm and a surface density of 40 g/m²;
- Glued with Vescom 2000 wallcovering paste with a surface density of 200 g/m² (wet and liquid form before application);
- Colour grey, embossed.

The product has a total thickness of 1.1 mm, a density of approx. 773 kg/m³ and a mass per unit area of approx. 850 g/m². Including (dry) adhesive the surface density is approx. 0.904 kg/m².

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

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 13823:2020+A1:2022	Reaction to fire tests for building products - Building products, excluding floorings exposed to the thermal attack by a single burning item
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
EN 15102:2007+A1:2011	Decorative wall coverings - Roll and panel form products

3.2 REPORTS

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis Nederland BV THE NETHERLANDS	Vescom B.V. THE NETHERLANDS	2023-Efectis-R001390 2023-Efectis-R001391	EN ISO 11925-2:2020 EN 13823:2020+A1:2022

3.3 TEST RESULTS

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – maximum	Compliance with parameters
EN ISO 11925-2				
Surface flame impingement	Fs ≤150 mm	6	55	-
	Ignition of filter paper		-	Compliant
Edge flame Impingement	Fs ≤150 mm	6	60	-
	Ignition of filter paper		-	Compliant

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN 13823				
	FIGRA _{0.2MJ} [W/s]	3	120	-
	FIGRA _{0.4MJ} [W/s]		88	-
	THR _{600s} [MJ]		2.2	-
	LFS < edge		-	Compliant
	SMOGRA [m ² /s ²]		85.3	-
	TSP _{600s} [m ²]		109	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		- -	Compliant Compliant

3.4 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 ≤ 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} ≤ 120 W/s LFS < edge of specimen THR _{600s} ≤ 7.5 MJ	FIGRA _{0.4 MJ} ≤ 250 W/s LFS < edge of specimen THR _{600s} ≤ 15 MJ	FIGRA _{0.4 MJ} ≤ 750 W/s
Additional classification			
Smoke production	s1 = SMOGRA ≤ 30 m ² /s ² and TSP _{600s} ≤ 50 m ² ; s2 = SMOGRA ≤ 180 m ² /s ² and TSP _{600s} ≤ 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 13501-1:2018.

4.2 CLASSIFICATION

The product, **Vinyl Wallcovering 850 g/m²**, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s2

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

d0

Reaction to fire classification: B – s2, d0

4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	1.1 mm
Surface density	850 g/m ²
Colour	Grey
Texture	Embossed

This classification is valid for the following end use applications:

Substrate	Promatect®-H, Non-combustible calcium silicate board, 12 mm thickness (reaction to fire class A1/A2, 870 ± 50 kg/m ³ , according to EN 13238:2010)
Application	Wallcovering
Air gap	Not applicable
Methods and means of fixing	Glued to the substrate according to the manufacturer's instructions using 200 g/m ² (wet) of the wallcovering paste Vescom 2000.
Joints	Vertical

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

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

The classification assigned to the product in this report is within the context of system 1 **Assessment and Verification of Consistency of Performance (AVCP)** and **CE marking** under the **Construction Products Regulation**.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.



A. González Santamaría M.Sc.
Project leader Reaction to Fire



A.J. Lock
Manager Testing Reaction to Fire