



SCIENTIFIC AND RESEARCH CENTRE  
FOR FIRE PROTECTION  
named after Jozef Tuliszkowski  
– National Research Institute  
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LABORATORY OF COMBUSTION PROCESSES  
AND EXPLOSIONS – BW

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NOTIFIED BODY NO. 1438

**CLASSIFICATION REPORT**

**No. 082/BW/22**

*Copy 1/2*

PRODUCT NAME	Vinyl wallcovering 460 g/m <sup>2</sup> Nonwoven backing – name: PREMIER NONWOVEN
SPONSOR/OWNER OF CLASSIFICATION REPORT	Newmor Wallcoverings 1 of 3, Henfaes Lane, Welshpool, SY21 7BE, United Kingdom
TEST PERFORMED AT:	Scientific and Research Centre for Fire Protection National Research Institute Nadwiślańska Str. 213 05-420 Józefów
ORDER No.	607/BW/22

Classification report of reaction to fire  
Vinyl wallcovering 460g/m<sup>2</sup>, Nonwoven backing – name: PREMIER NONWOVEN  
in accordance with PN-EN 13501-1:2019-02

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

Józefów, September 20<sup>th</sup>, 2022

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**1. INTRODUCTION**

This classification report defines the classification assigned to product - **Vinyl wallcovering 460 g/m<sup>2</sup>, Nonwoven backing – name: PREMIER NONWOVEN**, in accordance with the procedures given PN-EN 13501-1:2019-02.

**2. DETAILS OF CLASSIFIED PRODUCT**

**2.1. GENERAL**

Product: wallpaper - Vinyl wallcovering 460 g/m<sup>2</sup>, Nonwoven backing – name: PREMIER NONWOVEN.

**2.2. PRODUCT DESCRIPTION**

Product: - „Vinyl wallcovering 460 g/m<sup>2</sup>, Nonwoven backing – name: PREMIER NONWOVEN” glued with adhesive named – „Dixon Turner Heavy Adhesive grade” to a 8 mm thick fibre-cement board.

Physical properties of the wallpaper:

- thick - ok. 0.40 mm,
- colour no. - DPFSNW,
- total weight - 460 g/m<sup>2</sup>,
- vinyl weight - 370 g/m<sup>2</sup>,
- nonwoven weight - 90 g/m<sup>2</sup>,
- mass of the applied adhesive per 1 m<sup>2</sup> - 200 g.

The information about the products was given by the sponsor.

**3. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION**

**3.1. REPORTS**

<b>Name of Laboratory</b>	<b>Name of sponsor</b>	<b>Report ref. no.</b>	<b>Test method and date</b>
LABORATORY OF COMBUSTION PROCESSES AND EXPLOSIONS – BW	Newmor Wallcoverings 1 of 3, Henfaes Lane, Welshpool, SY21 7BE, United Kingdom	1644/BW/21/2	PN-EN 13823:2020-11
LABORATORY OF COMBUSTION PROCESSES AND EXPLOSIONS – BW	Newmor Wallcoverings 1 of 3, Henfaes Lane, Welshpool, SY21 7BE, United Kingdom	1644/BW/21/2	PN-EN ISO 11925-2:2020-09





**3.2. RESULTS**

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN 13823:2020-11	FIGRA <sub>0.2 MJ</sub> (W/s)	3	9.25	(-)
	FIGRA <sub>0.4 MJ</sub> (W/s)		9.25	(-)
	THR <sub>600s</sub> (MJ)		1.60	(-)
	LFS < edge		(-)	Compliant
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )		2.16	(-)
	TSP <sub>600s</sub> (m <sup>2</sup> )		39.56	(-)
	Flaming droplets/particles		(-)	Compliant
PN-EN ISO 11925-2:2020-09	Spreading the flames FS ≤ 150 mm	6	(-)	Compliant
	Flaming droplets/particles		(-)	Compliant
	Ignition of the filter paper +/-		(-)	Compliant

(-) – not applicable

**4. CLASSIFICATION AND FIELD OF APPLICATION**

**4.1. REFERENCE OF CLASSIFICATION**

This classification has been carried out in accordance with PN-EN 13501-1:2019-02.

**4.2. CLASSIFICATION**

Products: „Vinyl wallcovering 460 g/m<sup>2</sup>, Nonwoven backing – name: PREMIER NONWOVEN” described in point 2.2

**in relations to its reaction to fire behavior 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 REPORT NO. 082/BW/22

Fire behavior		Smoke production		Flaming droplets/particles	
B	-	s	1	d	0

### Reaction to fire classification:

**B-s1, d0**

#### 4.3. FIELD OF APPLICATION

This classification is valid for the following product parameters as determined in the end application. Product: „Vinyl wallcovering 460 g/m<sup>2</sup>, Nonwoven backing – name: PREMIER NONWOVEN”, described in point 2.2 classification report, intended for use in construction, inside buildings. Wallpaper glued with the following adhesive: Dixon Turner Heavy Adhesive grade (adhesive application on a 200 g/m<sup>2</sup> base) on a fibre-cement board with a reaction to fire class of at least A2-s1, d0, other underlays with a reaction to fire class of at least A2-s1, d0 (excluding paper plasterboard) and all underlays with reaction to fire class A1. The density of the actual underlay should be at least 75% of the nominal density of the standard underlay used.

#### 5. LIMITATION

##### 5.1. RESERVATION

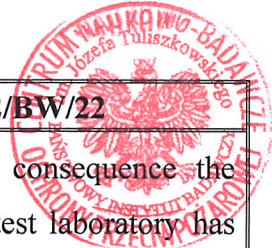
This classification report is valid till: indefinitely as long as there will be no changes in composition and production technology, method of manufacture and no changes to the normative test and classification methods.

*Include the following statement when the product is being CE marked under Assessment and verification of constancy of performance (AVCP) system 3.*

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e. g. no addition of flame-retardants, limitation of organic content, or addition of filler) that are aimed at enhancing the

**REACTION TO FIRE CLASSIFICATION REPORT NO. 082/BW/22**



fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate. 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.

**5.2. WARNING**

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

.....  
signature of person undertaking  
classification

KIEROWNIK  
ZESPOŁU LABORATORIÓW BW

mł. bryg. mgr inż. Wojciech Klapsa

.....  
signature of person authorizing this report

**Józefów, September 20<sup>th</sup>, 2022**