



1 Introduction

This classification report defines the classification assigned to « **Paintable wall-covering NOVELIO® Renovation** » (as described by the sponsor) in accordance with the procedure given in EN 13501-1:2007

CLASSIFICATION REPORT OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1: 2007

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Notified laboratory N° : 0072

Classification report N° : 12-02902 L

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

Ce rapport de classement atteste uniquement des caractéristiques de l'échantillon soumis aux essais et ne préjuge pas des caractéristiques de produits similaires. Il ne constitue donc pas une certification de produits au sens de l'article L.115-27 du code de la consommation et de la loi du 3 juin 1994.

CONDITIONS GENERALES : ART 1 -Toutes les demandes d'essai ou d'étude doivent être présentées par écrit. Elles doivent indiquer avec précision : l'identité et l'adresse du demandeur, le nombre, la nature, la dénomination et les références des échantillons soumis, l'objet du travail demandé. ART 2 -Les demandes sont classées dans l'ordre de leur réception et les travaux entrepris dans le même ordre. En cas d'urgence, un travail pourra exceptionnellement être effectué en priorité. Dans ce cas, l'INSTITUT FRANCAIS TEXTILE-HABILLEMENT pourra majorer le prix courant que le demandeur est réputé connaître et accepter. ART 3 -Les rapports et observations ne sont valables que pour les échantillons soumis à l'INSTITUT FRANCAIS TEXTILE-HABILLEMENT : un témoin pourra être remis au demandeur, muni du sceau de l'INSTITUT FRANCAIS TEXTILE-HABILLEMENT et joint au rapport. ART 4 -L'INSTITUT FRANCAIS TEXTILE-HABILLEMENT ne peut être tenu responsable des diverses interprétations et de l'usage qui pourrait être faits des rapports et observations. D'autre part, l'utilisation du nom de l'INSTITUT FRANCAIS TEXTILE-HABILLEMENT est subordonnée à l'accord préalable et écrit de la direction régionale de l'INSTITUT FRANCAIS TEXTILE-HABILLEMENT concernée. ART 5 -La partie non utilisée des échantillons est conservée pendant une durée d'au moins trois mois à compter de la date du rapport, exception faite des matières ou produits susceptibles de subir une altération. ART 6 -Le règlement des travaux doit être effectué au comptant net sans escompte.

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2 Details of classified product:

2.1 General:

The product « **Paintable wall-covering NOVELIO® Renovation** » (as described by the sponsor) is defined as a decorative wall covering intended to be glued on walls and ceiling by means of a glue, in accordance with EN 15102 + IN1 : 2011.

2.2 Description of the product:

The product « **Paintable wall-covering NOVELIO® Renovation** » (as described by the sponsor), is described below or in the test report provided in support of classification listed in 3.1 :

This product is composed with a non-woven fibreglass with organic impregnation and with or without a coating on both side, charged with aluminium oxide. It is defined in various references as following:

VV 35 : non-woven fibreglass (35g/m²) with organic impregnation (8±1g/m²)

VV 45 : non-woven fibreglass (45g/m²) with organic impregnation (8±1g/m²)

VVPP 120 : non-woven fibreglass (45g/m²) with an organic impregnation and a coating on both side, charged with aluminium oxide (75 g/m²)

VVPP 150 : non-woven fibreglass (45g/m²) with an organic impregnation and a coating on both side, charged with aluminium oxide (105 g/m²)

VVPP 190 : non-woven fibreglass (45g/m²) with an organic impregnation and a coating on both side, charged with aluminium oxide (145 g/m²)

VVPP 250 : non-woven fibreglass (45g/m²) with an organic impregnation and a coating on both side, charged with aluminium oxide (205 g/m²)

Nominal surface density : 35 to 45 g/m² for reference VV and
120 to 250 g/m² for reference VVPP

Nominal thickness : 0.2mm for reference VV and 0.2 to 0.8 mm for reference VVPP

Colour : white

3 This reports and test results in support of classification:

3.1 Test reports:

Name of Laboratory	Name of Sponsor	Test report N°	Test method
IFTH Avenue Guy de Collongue 69134 ECULLY Cedex FRANCE	SAINT-GOBAIN TECHNICAL FABRICS 517 avenue de la Boisse 73009 CHAMBERY Cedex FRANCE	LYC-07-4008 dated July 29 th , 2007	EN ISO 11925 : 2002 EN 13823: 2002
IFTH Avenue Guy de Collongue 69134 ECULLY Cedex FRANCE	SAINT-GOBAIN TECHNICAL FABRICS 517 avenue de la Boisse 73009 CHAMBERY Cedex FRANCE	12-02902 dated October 29 th , 2012	EN ISO 11925 : 2002 EN 13823: 2002

3.2 Test results :
Paintable wall-covering NOVELIO® Renovation - VV35 – VV45 – VVPP120 – VVPP150 – VVPP19 – VVPP250

Test method	Parameter	Nb. Test	Results	
			Continuous parameter mean	Continuous parameter mean
EN ISO 11925-2* Applied on the face Time exposure 30s	$F_s \leq 150\text{mm}$ in 60s	24	/	IN ACCORDANCE
Burning droplets or particles	Ignition of paper		/	NO
EN ISO 11925-2* Applied on the edge Time exposure 30s	$F_s \leq 150\text{mm}$ in 60s	6	/	IN ACCORDANCE
Burning droplets or particles	Ignition of paper		/	NO

Paintable wall-covering NOVELIO® Renovation - VVPP 150 :

Test method	Parameter	Nb. Test	Results	
			Continuous parameter mean	Continuous parameter mean
EN 13823**	FIGRA _{0.2MJ} (w/s)	3	53.1	/
	FIGRA _{0.4MJ} (w/s)		6.6	/
	THR ₆₀₀ (MJ)		1.1	/
	LFS		/	NO REACHED
	SMOGRA (m ² /s ²)		0.00	/
	TPS _{600s} (m ²)		41.4	/
	LDP _{f<10s}	/	NO	
	LDP _{f>10s}	/	NO	

Paintable wall-covering NOVELIO® Renovation – VV 35 :

Test method	Parameter	Nb. Test	Results	
			Continuous parameter mean	Continuous parameter mean
EN 13823**	FIGRA _{0.2MJ} (w/s)	1	69.4	/
	FIGRA _{0.4MJ} (w/s)		0.0	/
	THR ₆₀₀ (MJ)		0.8	/
	LFS		/	NO REACHED
	SMOGRA (m ² /s ²)		0.00	/
	TPS _{600s} (m ²)		34.7	/
	LDP _{f<10s}	/	NO	
	LDP _{f>10s}	/	NO	

Paintable wall-covering NOVELIO® Renovation - VVPP 120 :

Test method	Parameter	Nb. Test	Results	
			Continuous parameter mean	Continuous parameter mean
EN 13823**	FIGRA _{0,2MJ} (w/s)	1	35.1	/
	FIGRA _{0,4MJ} (w/s)		13.5	/
	THR ₆₀₀ (MJ)		1.6	/
	LFS		/	NO REACHED
	SMOGRA (m ² /s ²)		0.00	/
	TPS _{600s} (m ²)		30.6	/
	LDP _{f<10s}		/	NO
	LDP _{f>10s}		/	NO

Paintable wall-covering NOVELIO® Renovation – VVPP 190 :

Test method	Parameter	Nb. Test	Results	
			Continuous parameter mean	Continuous parameter mean
EN 13823**	FIGRA _{0,2MJ} (w/s)	1	74.1	/
	FIGRA _{0,4MJ} (w/s)		0.0	/
	THR ₆₀₀ (MJ)		1.4	/
	LFS		/	NO REACHED
	SMOGRA (m ² /s ²)		0.00	/
	TPS _{600s} (m ²)		36.0	/
	LDP _{f<10s}		/	NO
	LDP _{f>10s}		/	NO

Paintable wall-covering NOVELIO® Renovation – VVPP 250 :

Test method	Parameter	Nb. Test	Results	
			Continuous parameter mean	Continuous parameter mean
EN 13823**	FIGRA _{0,2MJ} (w/s)	1	33.0	/
	FIGRA _{0,4MJ} (w/s)		0.0	/
	THR ₆₀₀ (MJ)		0.8	/
	LFS		/	NO REACHED
	SMOGRA (m ² /s ²)		0.00	/
	TPS _{600s} (m ²)		25.3	/
	LDP _{f<10s}		/	NO
	LDP _{f>10s}		/	NO

*Stuck with acetate polyvinyl glue on a gypsum plaster board (in compliance with EN 520) of density $800 \pm 100\text{kg/m}^3$ and thickness $12 \pm 1\text{mm}$, classified A2 according to EN 13501-1:2007

**Strips are stuck with acetate polyvinyl glue on a gypsum plaster board (in compliance with EN 520) of density $800 \pm 100\text{kg/m}^3$ and thickness $12 \pm 1\text{mm}$, classified A21 according to EN 13501-1:2007 An edge to edge vertical joint is localized in the big wing at a distance of 200mm of the corner according to the EN 13823:2002. Tests are made without air gap behind the substrate and with the side of the cavity remote from the angle, closed.

4 Classification and field of application :

4.1 Reference of classification:

This classification has been carried out in accordance with EN 13501-1:2007

4.2 Classification :

The product « **Paintable wall-covering NOVELIO® Renovation** », in relation to fire behaviour is classified: **B**

The additional classification in relation to smoke product is: **s 1**

The additional classification in relation to flaming droplets / particles is: **d 0**

The format of the reaction to fire classification for construction products excluding flooring is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	1	-	d	0

REACTION TO FIRE CLASSIFICATION : B – s1 – d0

4-3 Field of application :

This classification is valid for the following end use applications:

Decorative wall covering glued on walls or roofs with acetate polyvinyl glue, on gypsum plasterboards classified A2 with characteristics $800 \pm 100 \text{ kg/m}^3$ and $12 \pm 1 \text{ mm}$ thickness or all substrates classified A1 or A2 with density more than $800 \pm 100 \text{ kg/m}^3$

This classification is valid for the following parameters:

Reference “Paintable wall-covering NOVELIO® Renovation” (VV)

Non-woven fibreglass (35 to 45 g/m^2) with organic impregnation ($8 \pm 1 \text{ g/m}^2$)

Nominal surface density : 35 to 45 g/m^2

Nominal thickness : 0.2 mm

Colour : white

Reference “Paintable wall-covering NOVELIO® Renovation” (VVPP)

Non-woven fibreglass (45 g/m^2) with an organic impregnation and a coating on both side, charged with aluminium oxide (75 to 205 g/m^2)

Nominal surface density : 120 to 250 g/m^2



Nominal thickness : 0.2 to 0.8 mm

Colour : white

5 Limitation :

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

The test laboratory has 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.

Rapport	Designation	Signature*	Date
Prepared by:	Jean-Marc ORAISON Fire Product Manager IFTH		October 29 rd , 2012
Verified by :	Pascal Denizard Quality manager and Solutions for Enterprises – IFTH		October 29 rd , 2012

* For and in the name of **I.F.T.H.**