Crepim

Parc de la Porte Nord-Rue Christophe Colomb
62700 Bruay la Buissière
contact@crepim.fr http:// www.crepim.fr
Tél: 03-21-61-64-00 Fax : 03 21 61 64 01

Laboratory approved by CERTIFER Railway Certification Agency

cofrac ESSAIS
ACCREDITATION N°1-0989
Scope on request @ www.cofrac.Fr

Classification Certificate

Certificate n°	CCE F 1145/01/288 A-1
Date	09/12/13
Extension date	23/12/13
Manager	Skander KHELIFI
Order number	Agreement quote
Date of order	10/10/13
Pages	1 on 1

To

Company	ANTALIS INTERNATIONAL - Marketing Department		
Name	Mr. COUPRY		
Address	8, rue de Seine		
Postcode	92100	**Town**	Boulogne-Billancourt
		Country	France

Issued certicate extension CCE F 1145/01/288 A

Tested product

Name :	WALK & WALL
Description :	Textile fiber coated with white vinyl matt structured. Paste implementation for assembly: acrylic adhesive solvent-based. Applying floor graphics, railway application.
Density :	Not provided
Surface mass :	385 g/m² (nominal)
Color :	White
Thickness :	0,10 mm
Remarks :	Manufacturing process: Embossing. No batch: 0513 CT215 14-1 T1-A-01.
Manufacturer :	ASPHALT ART INTERNATIONAL AG

Results

Test standard	Concern	Results	
NF X 70-100-1/2	Smoke toxicity	ITC :	**128,42**
NF X 10- 702	Smoke opacity	Dm	**108**
		VOF4	**287**

Classification standard	Name
NF F 16-101	*Rolling stock - Fire behaviour - Materials choosing*
STM S-001 indice C	*Device technical specification*
IF = **75**	

According to these results the tested product get the classification

F3

L. PANKEWITCH Test Officer	
S. KHELIFI Technical Manager	

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Test Report

Test report n°	REE 1F 1145/01/288 A-1
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		Country	France

Issued report extension RE 1F 1145/01/288 A

Test standard : NF X 70-100-1 : Analysis of gaseous effluents : Methods for analysing gases stemming from thermal degradation

NF X 70-100-2 : Analysis of gaseous effluents :Tubular funace thermal degradation method

Accredited COFRAC test : COFRAC accreditation attests competence of the laboratories for the only tests covered by the accreditation

Tested product

Name : WALK & WALL

Description : Textile fiber coated with white vinyl matt structured. Paste implementation for assembly: acrylic adhesive solvent-based. Applying floor graphics, railway application.

Density : Not provided **Surface Mass :** 385 g/m² (nominal)

Color : White

Remarks : Manufacturing process: Embossing. No batch: 0513 CT215 14-1 T1-A-01.

Conditionning : 23 ± 2 °C, 50 ± 5 % HR

The results are valid only for the fire-test-exposure conditions described in this procedure and for the specimens assessed.

Results

Reception date : 15/10/13

Furnace temperature : 600 °C **Air circulation method :** pumping

Amount	Sample 1	Sample 2	Sample 3	Average	Test date
CO (mg/g)	218,98	246,93	207,37	224,43	29/10/13
CO2 (mg/g)	864,29	1307,77	1297,45	1156,50	29/10/13
HCl (mg/g)	164,71	177,42	167,21	169,78	31/10/13
HBr (mg/g)	Unquantifiable			0,00	31/10/13
HCN (mg/g)	0,71	0,56	0,49	0,59	31/10/13
HF (mg/g)	Not detected			0,00	31/10/13
SO2 (mg/g)	0,10	0,12	0,13	0,12	31/10/13

Remarks : Unquantifiable means that the measured values are below the limits of quantification of the method.

L. EVRARD Test Officer	
S. KHELIFI Technical Manager	

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Test Report

Test report n°	REE 2F 1145/01/288 A-1
Date	09/12/13
Extension date	23/12/13
Manager	Skander KHELIFI
Your order	Agreement quote
Date of order	10/10/13
Pages	1 on 2

To

Society	ANTALIS INTERNATIONAL - Marketing Department		
Name	Mr. COUPRY		
Adress	8, rue de Seine		
Postcode	92100	**Town**	Boulogne-Billancourt
		Country	France

Issued report extension RE 2F 1145/01/288 A

Test standard : NF X 10-702 : Assesment of smoke opacity unrenewed atmosphere

Accredited COFRAC test : COFRAC accreditation attests competence of the laboratories for the only tests covered by the accreditation

Tested product

Name : WALK & WALL

Description : Textile fiber coated with white vinyl matt structured. Paste implementation for assembly: acrylic adhesive solvent-based. Applying floor graphics, railway application.

Density : Not provided **Surface mass :** 385 g/m² (nominal)

Color : White

Remarks : Manufacturing process: Embossing. No batch: 0513 CT215 14-1 T1-A-01.

Size : 76 mm x 76 mm x 0,1 mm

Conditionning : 23 ± 2 °C, 50 ± 5 % RH

The results are valid only for the fire-test-exposure conditions described in this procedure and for the specimens assessed.

Results

Reception Date : 15/10/13

Test Date : 28/10/13

	Test 1	Test 2	Test 3	Test 4	Average
Mode	F	NF	F	F	F
Mass (g)	2,28	2,26	2,29	2,30	/
Thickness (mm)	0,1	0,1	0,1	0,1	/
Mass loss (%)	118	101	87	182	/
VOF4	255	232	323	284	**287**
tds16 (s)	14	15	12	15	/
Ds max	120	103	101	102	**108**

F : Flamming Mode / NF : Non Flamming Mode
Ds max : maximal specific optical density
VOF4 : opacification for the first four minutes of test.
tds 16: time to reach an optical density of 16

Remarks :

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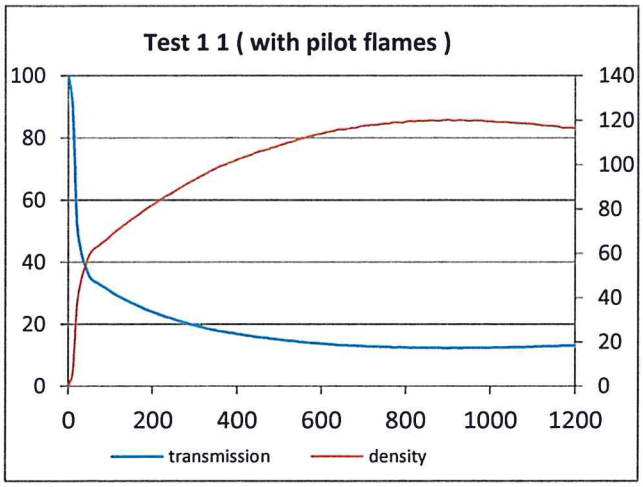
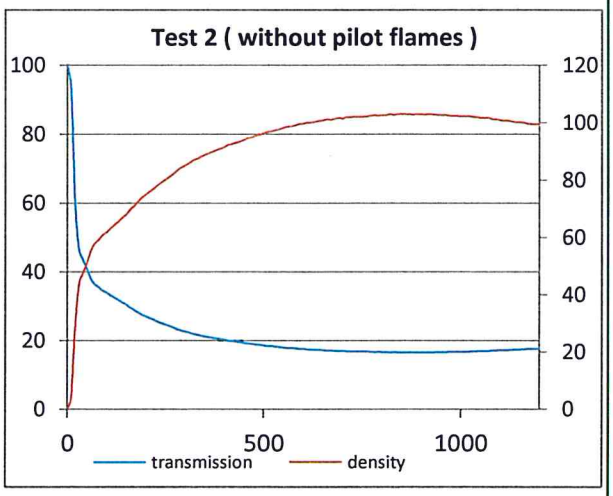
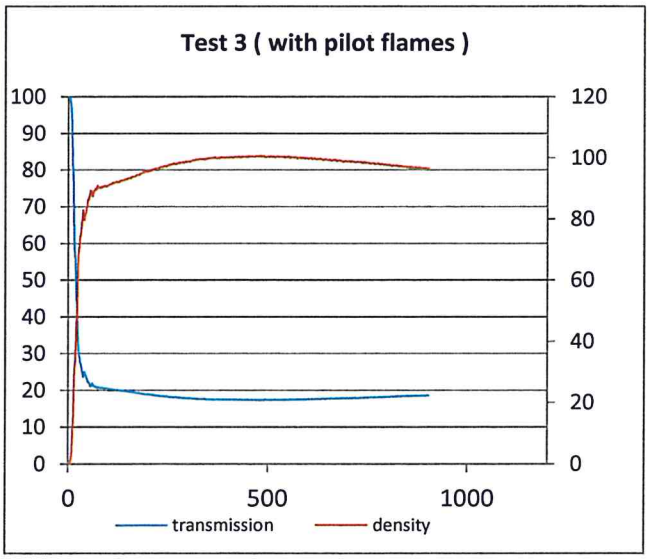
Test report

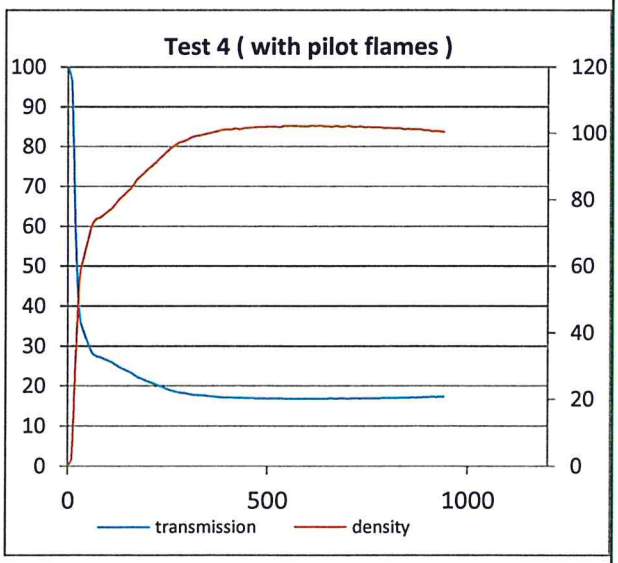
Certificate N° REE 2F 1145/01/288 A-1
Pages 2 on 2

Graphs









M. RATAJCZYK Test Officer	
S. KHELIFI Technical Manager	

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