

CLASSIFICATION REPORT

Established according to the article 5 of the Department State Order dated 21 November 2002

VALIDITY 5 YEARS from 25 July 2024

N° P242768 - DEC/2

and appendix of 3 pages

Material submitted by:

Solar Screen International S.A

18 rue du Commerce

3895 Foetz

LUXEMBOURG

Commercial trademark:

Clear AB Anti Fog, Alu 80C, Alu80/70/50XC, Argent 80/70/50C, Aurora Summer, Aurora Winter, Beluga 215 C, Blackplus 50C/55C/65C/75C/85C/95C/97C, Bleu Azur C, Bleu océan C, Blue Azure C, Boreal, Cendre 30C/50C/65C/80C/90C/95C, Cendre Plus 30C/50C/65C/80C/90C/95C, Charcoal 30C/50C/65C/80C/95C, Charcoal Plus 30C/50C/65C/80C/90C/95C, Chocolat C, Chocolate C, Chrome 245XC/270XC/285XC, Clarity 333/245XC, Clear 17 C, Clear 4C, Clear 8XC, Clear Print 4C, Clear Print PET Clearboard, Dark 50C/65C/80C/90C/95C, Elektro, Europa, Floral, Framboise C, Frozen. Blue Ocean C, Jaune C, Liana, Lime C, Lineal, Mat Blue Pet, Mat Blue Pet, Mat Green Pet Mat green PET, Mat Pink Pet, Mat Pink Pet, Mint C, Omega 465C, Orange C, Pixel, Plum C, Protector Architectural, Protector Gloss, Protector Mat, Prune C, Purple C, Raspberry C Riga, Silver 80/70/50C, Sirius, Sky Blue 230C, Skyblack 99XC, Solar 50C, Spectra 333XC Spectra 615C, Strada, Stratos, Textura, Turquoise C, Vert Citron C, Vert Menthe C, Violet C, Vista 90C, Vogue, Vogue 6, Vogue MAT 12, Yellow C

Brief description:

Global composition :

Not fireproof material composed by :

Layer 1 : Anti scratch (0,001 mm))

Layer 2 : PET colored, transparent, ... (0,03 at 0,47 mm)

Layer 3 : Acrylic PS glue (0,001 mm)

End-use:

Adhesive film

Mass per unit area:

From 80 to 700 g/m²

Thickness

From 0.04 to 0,485 mm

Colour:

Transparent, mirror, various colors.

Test report:

N° P242768 - DEC/2 dated 25 July 2024

Type of tests:

Determination of classification according to NF P 92-507 (February 2004)

Radiation test according to NF P 92-501 (December 1995)

Classification:

M1

TAPED ON 6 mm THICK GLASS PANEL

VALID FOR ANY APPLICATION FOR WHICH THE PRODUCT IS NOT SUBJECT TO CE MARKING

Durability of classification (NF P 92-512 : 1986): A PRIORI UNLIMITED

In view of criteria resulting from the tests described in the appended Test Report **N° P242768 - DEC/2**.

To determine the classification, uncertainty on the results has not been taken into account.

The indicated classification prejudices in no way the conformity of the materials commercialized to the samples submitted to the tests and can in no way be considered as a certificate of qualification. This is not a product certification according to the L115-27 article of the consumption code and to the law dated on 3rd June 1994.

Is allowed only the integral reproduction of either this classification report consisting of this unique page, or the whole classification report with the annexed test report consisting of **4 pages**.

Trappes, July 25, 2024



**The Head of Fire Behaviour and Fire Safety
Department**

Thibaut CORNILLON

Traduction du Document P242768 - DEC/1 réalisée par le LNE. La version en langue française fait foi

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TEST REPORT

Established according to the article 5 of the Department State Order dated on 21 november 2002

VALIDITY 5 YEARS FROM 25 July 2024

N° P242768 - DEC/2

1. PURPOSE OF TEST

The purpose of tests to which this report relates is to determine the classification of materials, in accordance with the stipulations in the order from the Ministère de l'Intérieur, dated on 21 November 2002 relating to their reaction to fire.

2. ORIGIN AND CHARACTERISTICS OF SAMPLES

Characteristics attested by sponsor :

The validity of the results may be affected by this information. For these results, LNE's responsibility is limited to its contribution to their elaboration.

Test requested by	: Solar Screen International S.A
Date and reference of order	: Your agreement from 26/06/2024 on quotation n° DEV2407397-V1
Producer	: Solar Screen International S.A 18 rue du Commerce 3895 Foetz LUXEMBOURG
Trademark (commercial reference)	: Clear AB Anti Fog, Alu 80C, Alu80/70/50XC, Argent 80/70/50C, Aurora Summer, Aurora Winter, Beluga 215 C, Blackplus 50C/55C/65C/75C/85C/95C/97C, Bleu Azur C, Bleu océan C, Blue Azure C, Boreal, Cendre 30C/50C/65C/80C/90C/95C, Cendre Plus 30C/50C/65C/80C/90C/95C, Charcoal 30C/50C/65C/80C/95C, Charcoal Plus 30C/50C/65C/80C/90C/95C, Chocolate C, Chrome 245XC/270XC/285XC, Clarity 333/245XC, Clear 17 C, Clear 4C, Clear 8XC, Clear Print 4C, Clear Print PET Clearboard, Dark 50C/65C/80C/90C/95C, Elektro, Europa, Floral, Framboise C, Frozen. Blue Ocean C, Jaune C, Liana, Lime C, Lineal, Mat Blue Pet, Mat Blue Pet, Mat Green Pet Mat green PET, Mat Pink Pet, Mat Pink Pet, Mint C, Omega 465C, Orange C, Pixel, Plum C, Protector Architectural, Protector Gloss, Protector Mat, Prune C, Purple C, Raspberry C Riga, Silver 80/70/50C, Sirius, Sky Blue 230C, Skyblack 99XC, Solar 50C, Spectra 333XC Spectra 615C, Strada, Stratos, Textura, Turquoise C, Vert Citron C, Vert Menthe C, Violet C, Vista 90C, Vogue, Vogue 6, Vogue MAT 12, Yellow C
Global composition	: Not fireproof material composed by : Layer 1 : Anti scratch (0,001 mm)) Layer 2 : PET colored, transparent, ... (0,03 at 0,47 mm) Layer 3 : Acrylic PS glue (0,001 mm)
Mass per unit area	: From 80 to 700 g/m ²
Thickness	: From 0.04 to 0,485 mm
Colour	: Transparent, mirror, various colors.
Caractéristiques déterminées par LNE	:
Mass per unit area	: (14900 ± 1500) g/m ² (with substrate)
épaisseur	: (6,10 ± 0,61) mm (with substrate)



Accréditation / Accreditation

N° 1-0606

Portée disponible / Scope available

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3. TEST CONDITIONS

Receipt of samples: 05/07/2024

Samples conditioning prior to tests:

Samples – possibly placed on their substrate – are conditioned in a $(23 \pm 2) ^\circ\text{C}$ and $(50 \pm 5) \%$ relative humidity atmosphere during seven days or until constant mass is achieved (like for materials highly thick, or still humid when delivered.).

Mass is considered as constant when two successive weighings with a 24 h interval do not differ by more than 0,1 % or 0,1 g (whichever is greatest).

Test performed on: 24/07/2024

4. RESULTS

4.1. HEAT RADIATION TEST ACCORDING TO NF P 92-501 (DECEMBER 1995)

	Sample 1 –	Sample 2 BLACK PLUS 75C	Sample 3 CHROME 285XC	Sample 4 ELECTRO
Mass (g)	1766,20	1764,60	1755,40	1752,50
Perforation	No	No	No	No
Exposed side lighting time : ti1 (s)	–	–	–	–
Non exposed side lighting time : ti2 (s)	–	–	–	–
Total flame height ΣH (cm)	–	–	–	–
Total duration of flaming $\Sigma \Delta T$	–	–	–	–
$Q = \frac{100 \times \Sigma H}{ti \sqrt{\Sigma \Delta T}}$	0	0	0	0
Not flaming molten drips	No	No	No	No
No flaming molten drips	No	No	No	No

	Sample 5 CLEAR 8XC	Sample 6 CLEAR BOARD	Sample 7 CLEAR 4C	Sample 8 CLEAR 17C	
Mass (g)	1775,60	1775,30	1774,90	1844,30	
Perforation	No	No	No	No	
Exposed side lighting time : ti1 (s)	–	–	–	–	
Non exposed side lighting time : ti2 (s)	–	–	–	–	
Total flame height ΣH (cm)	–	–	–	–	
Total duration of flaming $\Sigma \Delta T$	–	–	–	–	Mean Value =
$Q = \frac{100 \times \Sigma H}{ti \sqrt{\Sigma \Delta T}}$	0	0	0	0	0,0
Not flaming molten drips	No	No	No	No	
No flaming molten drips	No	No	No	No	

5. OBSERVATIONS ABOUT TESTS

None

Trappes, July 25, 2024



**The Head of Fire Behaviour and Fire Safety
Department**

Thibaut Cornillon

The results, which are quoted, are only applicable to the sample, the product or material submitted to LNE and which is fully described in this document.

**Traduction du document (Document P242768 DEC/1) réalisée par le LNE.
La version en langue française fait foi.**