



CERTIFICATE

No.

PR-0527/033

APPLUS + CERTIFIED PRODUCT

LGAI Technological Center, S.A. (APPLUS) certifies that the product:

GLASS IN BUILDING. THERMALLY TOUGHENED SAFETY GLASS.

Produced by:

ASTIGLASS, S.L.

C/ DEHESA DE LAS YEGUAS, I
P. I. LA CAMPIÑA FASE IV
41400 ÉCIJA (SEVILLA) SPAIN

Is in accordance with the requirements of the Particular Certification System:

SPC 033

And the standard:

EN 12150-2:2004: GLASS IN BUILDING. THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS.
PART 2: EVALUATION OF CONFORMITY/PRODUCT STANDARD

This certificate is valid until 12th February 2022

Confirmation / Modification of the initial certificate issued on 12th February 2007

Bellaterra, 19th July 2021

p.a.

Applus⁺
LGAI Technological Center, S.A.

Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



This document is not valid without its technical annex, whose number coincides with the number of certificate.

You can check the validity of this certificate on our website at: www.appluslaboratories.com/certified_products

PR-0527/033

▪ RANGE: 4 – 19 MM FLOAT/COAT

- PENDULUM BODY IMPACT RESISTANCE:
 - Climaguard neutral70 tempered fo 10 mm, 1 (C) 1
 - Float 5 mm, 1 (C) 1
 - Float 4 mm, 1 (C) 1
 - Coat of 6 mm ($1 \geq \epsilon \geq 0,25$), 1 (C) 1
- MECHANICAL RESISTANCE AGAINST SUDDEN TEMPERATURE CHANGES AND TEMPERATURE DIFERENTIALS:
 - Templasol 5-19mm, 200 K
 - Float 4mm, 200 K
 - Coat of $1 \geq \epsilon \geq 0,25$, 6 to 10 mm, 200K
- MECHANICAL RESISTANCE OF THE GLASS UNIT AGAINST WIND, SNOW, AND PERMANENT IMPOSED LOAD AND/OR IMPOSED LOADS OF THE GLASS UNIT:
 - Templasol 5 a 19 mm
 - Float 4 mm
 - Coat of $1 \geq \epsilon \geq 0,25$, 6 a 10 mm

▪ RANGE: CARGLASS PRINTED OF 1 FACE OF 4 – 10 MM

- PENDULUM BODY IMPACT RESISTANCE (SMOOTH FACE IMPACT):
 - SMOOTH FACE impact, 1 (C) 0
 - PRINTED FACE impact 1 (C) 1
- MECHANICAL RESISTANCE AGAINST SUDDEN TEMPERATURE CHANGES AND TEMPERATURE DIFERENTIALS:
 - Printed mm, 200 K
- MECHANICAL RESISTANCE OF THE GLASS UNIT AGAINST WIND, SNOW, AND PERMANENT IMPOSED LOAD AND/OR IMPOSED LOADS OF THE GLASS UNIT:
 - Printed 4 mm