LGAI Technological Center, S.A.
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CERTIFICATE

No. **PR-1222/052**

APPLUS + CERTIFIED PRODUCT

LGAI TECHNOLOGICAL CENTER S.A. (APPLUS) Certifies that the product:

- **BUILDING HARDWARE. HARDWARE FOR SLIDING AND FOLDING DOORS. REQUIREMENTS AND TEST METHODS.**
- **BUILDING HARDWARE. CORROSION RESISTANCE. REQUIREMENTS AND TEST METHODS**
- **FURNITURE FITTINGS. ROLLER FITTINGS FOR SLIDING DOORS**

Produced by:

S.A. HERRAJES DE CORREDERA (SAHECO)

C/ BELLMUNT, 104 – P.I. DE FORADADA
08580 SANT QUIRZE DE BESORA (BARCELONA)

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

SPC 052

And the standards:

EN 1527:2013, EN 1670:2007; EN 1670:2007/AC:2008, DIN 68859

This certificate is valid until 19th February 2019

Confirmation / Modification of the initial certificate issued on 19th February 2010

Bellaterra, 27th April 2018

LGAI Technological Center, S.A.
Jordi Brufau Redondo
General Manager

LGAI Technological Center, S.A.
Xavier Ruiz Peña
Product Conformity B.U., Managing Director

This certificate will only be valid if all conditions in the contract, where this certificate belongs to, are fulfilled

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

APPLUS + CERTIFIED PRODUCT

SAHECO - SV-X150

TECHNICAL ANNEX PR-1222/052

QUALITY REQUIREMENTS	DETAILS								
DIN EN 1527:2013, EN 1670:2007; EN 1670:2007/AC:2008, DIN 68859 categories	Use	Durability	Door weight	Fire resistance	Safety	Corrosion resistance	Security	Type of door	Initial friction
	-/-	6	3	0	1	3	-/-	1	3
DIN EN 1527:2013 durability	100.000 cycles								
Weight	Maximum weight of door / panel 150 kg								

*See Annex 1

Juan López
R&D&I & Technical Manager

TECHNICAL ANNEX PR-1222/052

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Category of use (first digit)

No grade identified for these products.

Durability (second digit)

- Grade 1 = 5.000 test cycles
- Grade 2 = 10.000 test cycles
- Grade 3 = 25.000 test cycles
- Grade 4 = 50.000 test cycles
- Grade 5 = 75.000 test cycles
- Grade 6 = 100.000 test cycles

Door mass (third digit)

- Grade 1 = Door up to 50 kg
- Grade 2 = Door from 51 kg to 100 kg
- Grade 3 = Door from 101 kg to 330 kg
- Grade 4 = Door over 330 kg

Fire resistance (fourth digit)

- Grade 0 = Not approved for use on fire door assemblies
- Grade 1 = Suitable for use on fire door assemblies

Safety (fifth digit)

No grade identified for these products

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Corrosion resistances (sixth digit)

Products are classified 1 to 4 according to the five grades defined in EN 1670.
Grade 0 is for products not tested.

- Grade 1 = 24 hours
- Grade 2 = 48 hours
- Grade 3 = 96 hours
- Grade 4 = 240 hours
- Grade 5 = 480 hours

Security (seventh digit)

No grade identified for these products.

Category of door (eighth digit)

- Grade 1 = Sliding door
- Grade 2 = Folding door (bi-fold type)
- Grade 3 = Multi-panel folding door

Initial friction (ninth digit)

Door mass	From 0 kg to 50 kg	From 51 kg to 100 kg	From 101 kg to 330 kg	Over 330 kg
Grade 1	50N	80N	100N	5% of the mass
Grade 2	40N	60N	5% of the mass	4% of the mass
Grade 3	30N	40N	4% of the mass	3% of the mass

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