



## APPLUS + CERTIFIED PRODUCT

No.

PR-1222 / 052

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

**BUILDING HARDWARE. FURNITURE FITTINGS.**

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:

**UNE-EN 1527:2020+A1:2022** BUILDING HARDWARE. HARDWARE FOR SLIDING AND FOLDING DOORS. REQUIREMENTS AND TEST METHODS.

**UNE-EN 1670:2007; UNE -EN 1670:2007/AC:2008** BUILDING HARDWARE. CORROSION RESISTANCE. REQUIREMENTS AND TEST METHODS

**DIN 68859** FURNITURE FITTINGS. ROLLER FITTINGS FOR SLIDING DOORS

**This certificate is valid until 19<sup>th</sup> February 2025**, provided that the conditions set out in the contract are maintained.

**Confirmation / Modification** of the initial certificate issued on 19<sup>th</sup> February 2010

Bellaterra, 20<sup>th</sup> January 2023

  
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 certificate number.*

*You can check the validity of this certificate on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*



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**SAHECO - SV-X50**

TECHNICAL ANNEX

PR-1222/052

<b>QUALITY REQUIREMENTS</b>	UNE-EN 1527:2020+A1:2022, UNE-EN 1670:2007; UNE-EN 1670:2007/AC:2008, DIN 68859 categories								
<b>DETAILS</b>	Door category	Door mass	Dimensions of the panel used in the test	Corrosion resistance	Impact resistance	Horizontal static load resistance	Static load resistance test	Initial friction maximum permitted value	Durability
	1	1	2	4	1	3	1	3	6
<b>DIN EN 1527:2013 DURABILITY</b>	100.000 cycles								
<b>WEIGHT</b>	Maximum weight of door / panel 50kg								

\*See Annex 1

**Juan López**  
**R&D&I & Technical Manager**




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### Door category (first digits)

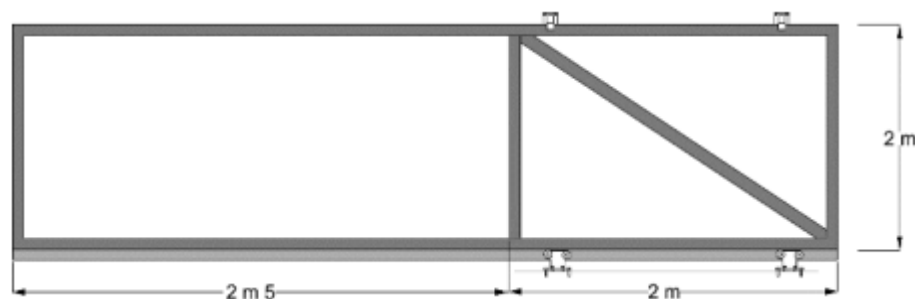
- Grade 1 = sliding door
- Grade 2 = folding door (two-panel) and corner sliding door.
- Grade 3 = multi-panel folding door and cantilever sliding door

### Door mass (second digit)

- Grade 1 = door  $\leq$  50 kg
- Grade 2 = door  $>$  50 kg
- Grade 3 = door  $>$  100 kg
- Grade 4 = door  $>$  200 kg

### Dimensions of the panel used in the test (third digit)

- For sliding doors:
  - Grade 2 = test panel dimensions should be 2 m high by 0,80 m wide.
  - Grade 4 = test panel dimensions should be 2 m high by 2 m wide.
- For corner sliding doors, two-panel folding doors and multi-panel folding doors:
  - Grade 1 = test panel dimensions should be 2 m high by 0,50 m wide.
  - Grade 2 = test panel dimensions should be 2 m high by 0,80 m wide.
  - Grade 3 = test panel dimensions should be 2 m high by 1 m wide.
  - Grade 4 = test panel dimensions should be 2 m high by 2 m wide.
- For cantilever gates: The dimensions of the test panel leaf should be 2 m high by 2,5 + 2 m wide.



### Corrosion resistance (fourth digit)

- Grade 0 = no corrosion resistance is defined
- Grade 1 = 24 h
- Grade 2 = 48 h
- Grade 3 = 96 h
- Grade 4 = 240 h
- Grade 5 = 480 h



## Annex 1

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#### Impact resistance test (fifth digit)

Grade	Grade 1	Grade 2	Grade 3
(mb)	2 kg	3 kg	4 kg

#### Horizontal static load resistance test (sixth digit)

Grade	Grade 1	Grade 2	Grade 3
(F)	150 N	200 N	250 N

#### Static load resistance test (seventh digit)

Grade 0 = No test or test not approved.

Grade 1 = Test requirements are met.

#### Initial friction maximum permitted value(eighth digit)

Door mass	From 0 kg to 50 kg	From 51 kg to 100 kg	From 101 kg to 200 kg	More than 201 kg
Grade 1	50 N	80 N	90 N	5% of mass
Grade 2	30 N	50 N	60 N	3% of mass
Grade 3	10 N	20 N	30 N	2% of mass

#### Durability (ninth 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

