



## 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-A90

TECHNICAL ANNEX

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| QUALITY REQUIREMENTS        | UNE-EN 1527:2020+A1:2022, UNE-EN 1670:2007; UNE-EN 1670:2007/AC:2008, DIN 68859 categories |           |  |                      |                   |                                   |                             |  |            |
|-----------------------------|--|-----------|--|----------------------|-------------------|-----------------------------------|-----------------------------|--|------------|
| DETAILS                     | 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  | 2         | 2  | 3                    | ---               | ---                               | 0                           | 3  | 6          |
| DIN EN 1527:2013 DURABILITY | 100.000 cycles   |           |  |                      |                   |                                   |                             |  |            |
| WEIGHT                      | Maximum weight of door / panel 90kg  |           |  |                      |                   |                                   |                             |  |            |

\*See Annex 1

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R&D&I & Technical Manager

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## Annex 1

TECHNICAL ANNEX

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## Door category (first digits)

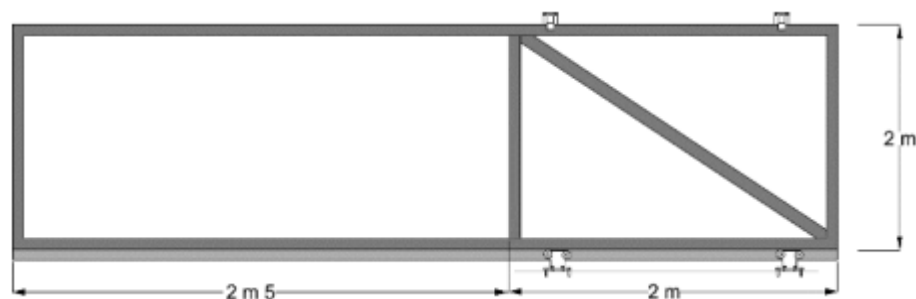
Grade 1 = sliding door  
Grade 2 = folding door (two-panel) and corner sliding door.  
Grade 3 = multi-panel folding door and cantilever sliding door

## 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

