



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:

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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 2022

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

Bellaterra, 19th February 2021


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 certificate number.

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



APPLUS + CERTIFIED PRODUCT

SAHECO - SV-85

TECHNICAL ANNEX

PR-1252/052

| QUALITY REQUIREMENTS | DETAILS | | | | | | | | |
|---|-------------------------------------|------------|-----------|-----------------|--------|-----------------------|----------|------------------|------------------|
| | Use | Durability | Door mass | Fire resistance | Safety | Corrosion resistances | Security | Category of door | Initial friction |
| EN 1527:2013, EN 1670:2007; EN 1670:2007/AC:2008, DIN 68859 categories | -/- | 3 | 2 | -/- | 1 | 3 | -/- | 1 | 3 |
| DIN EN 1527:2013 durability | 25.000 cycles | | | | | | | | |
| Weight | Maximum weight of door / panel 85kg | | | | | | | | |

*See Annex 1

Juan López
R&D&I & Technical Manager



TECHNICAL ANNEX

PR-1252/052

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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)

No grade identified for these products.

Safety (fifth digit)

This product must be classified as grade 1.

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Corrosion resistances (sixth digit)

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

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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