LGAI Technological Center, S.A. (APPLUS)
Campus UAB - Ronda de la Font del Carme s/n
08193 Bellaterra (Barcelona)
T +34 93 567 20 00
CIF: A-63207492
www.appluslaboratories.com

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 19th February 2025, provided that the conditions set out in the contract are maintained.

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

Bellaterra, 20th 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

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CLASSIFICATION CODE MEANING ACC. UNE-EN 1527:2020								
1st digit	**2nd digit**	**3rd digit**	**4th digit**	**5th digit**	**6th digit**	**7th digit**	**8th digit**	**9th digit**
Door category	Door mass	Dimensions of the panel used in the test	Corrosion resistance	Impact resistance test	Horizontal static load resistance test	Static load resistance test	Initial friction maximum permitted value	Durability

MODEL	CODE										
	Digit No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	
SF 12	EN 1527	1	1	2	2	---	---	0	3	2	
	A+	1	1	2	2	---	---	0	3	2	0
SF 22	EN 1527	1	1	2	2	---	---	0	3	2	
	A+	1	1	2	2	---	---	0	3	2	0
SF 25	EN 1527	1	1	2	4	---	---	0	3	2	
	A+	1	1	2	4	---	---	0	3	2	0
SF 51	EN 1527	1	2	2	4	---	---	0	3	2	
	A+	1	2	2	4	---	---	0	3	2	0
SF 40	EN 1527	1	1	2	3	---	---	0	3	6	
	A+	1	1	2	3	---	---	0	3	6	1
SV 40	EN 1527	1	1	2	1	---	---	0	3	3	
	A+	1	1	2	1	---	---	0	3	3	1
SFE 40	EN 1527	1	1	2	3	---	---	0	3	6	
	A+	1	1	2	3	---	---	0	3	6	1
SF 75	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SV 75	EN 1527	1	2	2	1	---	---	0	3	3	
	A+	1	2	2	1	---	---	0	3	3	1
SFE 75	EN 1527	1	2	2	1	---	---	0	3	3	
	A+	1	2	2	1	---	---	0	3	3	1

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	Digit No.	1	2	3	4	5	6	7	8	9	
SFE 25 Reforzado	EN 1527	1	1	2	4	---	---	0	3	2	
	A+	1	1	2	4	---	---	0	3	2	0
SF 20	EN 1527	1	1	2	1	---	---	0	3	2	
	A+	1	1	2	1	---	---	0	3	2	0
SF 30	EN 1527	1	1	2	2	---	---	0	3	2	
	A+	1	1	2	2	---	---	0	3	2	0
SV-A40	EN 1527	1	1	2	2	---	---	0	3	3	
	A+	1	1	2	2	---	---	0	3	3	1
SV-A80	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SF-RA80	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SF-A60	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SF-A80	EN 1527	1	2	2	1	---	---	0	2	6	
	A+	1	2	2	1	---	---	0	2	6	1
SF-A81 Incrustado	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SF-A81 Superpuesta	EN 1527	1	2	2	1	---	---	0	3	6	
	A+	1	2	2	1	---	---	0	3	6	1
SF-RA60	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SF-A61 Incrustado	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SF-A61 Superpuesta	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SV-A60	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SV-X70	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SF-A81	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1

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	Digit No.	1	2	3	4	5	6	7	8	9	
SV-A80	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SV-X150	EN 1527	1	3	2	3	---	---	0	3	6	
	A+	1	3	2	3	---	---	0	3	6	1
SOFTPRO 150 Kg	EN 1527	1	3	2	3	---	---	0	1	6	
	A+	1	3	2	3	---	---	0	1	6	1
SF-SOFTBRAKE ROLLER	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SF-RA SOFTBRAKE ROLLER 80 Kg	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SV-ROLLER LARGE	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SV-ROLLER MINIMAL 80 Kg	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SOFTBRAKE UNIVERSAL	EN 1527	1	2	2	2	---	---	0	2	6	
	A+	1	2	2	2	---	---	0	2	6	1
SF-A300 SOBREPUESTA	EN 1527	1	3	2	3	---	---	0	3	6	
	A+	1	3	2	3	---	---	0	3	6	1
SF-RA300	EN 1527	1	3	2	3	---	---	0	3	6	
	A+	1	3	2	3	---	---	0	3	6	1
SV-A300	EN 1527	1	3	2	3	---	---	0	3	6	
	A+	1	3	2	3	---	---	0	3	6	1
SV-A200	EN 1527	1	3	2	3	---	---	0	3	6	
	A+	1	3	2	3	---	---	0	3	6	1
SF-A125 SOBREPUESTA	EN 1527	1	3	2	2	---	---	0	3	6	
	A+	1	3	2	2	---	---	0	3	6	1
SF-RA125	EN 1527	1	3	2	2	---	---	0	3	6	
	A+	1	3	2	2	---	---	0	3	6	1
SV-A125	EN 1527	1	3	2	2	---	---	0	3	6	
	A+	1	3	2	2	---	---	0	3	6	1
SF-A81 SOBREPUESTA	EN 1527	1	2	2	2	---	---	0	3	6	
	A+	1	2	2	2	---	---	0	3	6	1
SV-X110	EN 1527	1	3	2	3	---	---	0	3	6	
	A+	1	3	2	3	---	---	0	3	6	1
SV-EASY 80	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1

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MODEL	CODE										
	Digit No.	1	2	3	4	5	6	7	8	9	
SV-LARGE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	1
SOFTPRO 110 Kg	EN 1527	1	3	2	3	---	---	0	1	6	
	A+	1	3	2	3	---	---	0	1	6	0
SF-TEL.PROG.2H.C/CORREA	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SV-A90 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-A90	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-RA A90	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-A90 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-RA A90 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SV-A90	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SV-P70 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SV-P70	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-P70	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-RA P70	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0

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MODEL	CODE										
	Digit No.	1	2	3	4	5	6	7	8	9	
SF-P70 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-RA P70 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-47 + SOFTBRAKE	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-47	EN 1527	1	1	2	3	---	---	0	3	6	
	A+	1	1	2	3	---	---	0	3	6	0
SF-85	EN 1527	1	2	2	3	---	---	0	3	3	
	A+	1	2	2	3	---	---	0	3	3	0
SV85	EN 1527	1	2	2	3	---	---	0	3	3	
	A+	1	2	2	3	---	---	0	3	3	0
SV-X90	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SV-X90 SOFTOP	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SOFTOP 90Kg	EN 1527	1	2	2	3	---	---	0	3	6	
	A+	1	2	2	3	---	---	0	3	6	0
SF-201	EN 1527	1	3	2	3	---	---	0	1	6	
	A+	1	3	2	3	---	---	0	1	6	0
SF-P50	EN 1527	1	1	2	3	---	3	1	2	4	
	A+	1	1	2	3	---	3	1	2	4	0
SF-A160	EN 1527	1	3	2	3	---	3	1	3	6	
	A+	1	3	2	3	---	3	1	3	6	0

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MODEL	CODE										
	Digit No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	
SF-A140 x 1 SOFTOP DOBLE	EN 1527	1	3	2	3	1	3	1	3	6	
	A+	1	3	2	3	1	3	1	3	6	0
SF-A140	EN 1527	1	3	2	3	1	3	1	3	6	
	A+	1	3	2	3	1	3	1	3	6	0
SOFTOP 140 kg	EN 1527	1	3	2	3	1	3	1	3	6	
	A+	1	3	2	3	1	3	1	3	6	0
SV-X50 x 1 SOFTOP DOBLE	EN 1527	1	1	2	4	1	3	1	3	6	
	A+	1	1	2	4	1	3	1	3	6	0
SF-X50	EN 1527	1	1	2	4	1	3	1	3	6	
	A+	1	1	2	4	1	3	1	3	6	0
SOFTOP 50 Kg	EN 1527	1	1	2	4	1	3	1	3	6	
	A+	1	1	2	4	1	3	1	3	6	0
SF-401	EN 1527	1	4	2	3	---	3	1	3	3	
	A+	1	4	2	3	---	3	1	3	3	0
ST-75	EN 1527	1	2	2	3	---	3	1	3	6	
	A+	1	2	2	3	---	3	1	3	6	0

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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 ≤ 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)

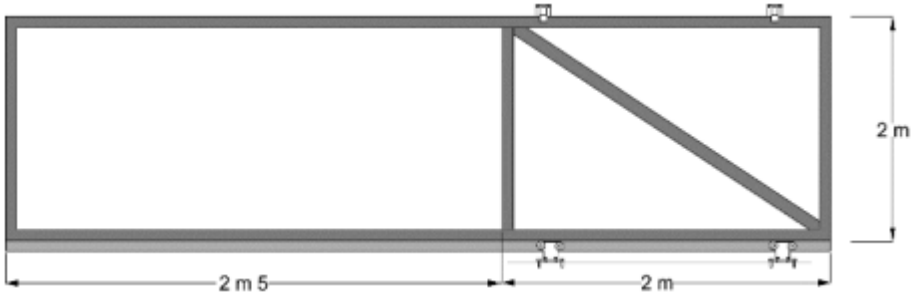
- For sliding doors:

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

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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 10 1kg 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