

DECLARATION OF PERFORMANCE (DoP) N. S0X

1. Unique identification of the product type: S0X (X = variable)
2. Type number: S00060, S00110, S00160, S01060, S01110, S01160, S02060, S02110, S02150, S02160, S02150, SH2160, S05110, S03130, S04150, S04160, S03000
3. Intendend use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Cesarin Alberto (Legal Representative)

Gonars, 31st January 2024

ELFRI S.r.l.
Via Friuli, 9 - Z.I.
33050 GONARS (UD)
ITALY
P.V.A: 01662390309



DECLARATION OF PERFORMANCE (DoP) N. S1

1. Unique identification of the product type: S1
2. Type number: S10060, S10061, S10062, S10110, S10111, S10112, S10140, S10141, S10142, S10160, S10161, S10162, S10163, S10164, S13060, S13061, S13062, S13110, S13111, S13112, S13140, S13141, S13142.
3. Intendend use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Cesarin Alberto (Legal Representative)

Gonars, 31st January 2024

ELFRI S.r.l.
Via Friuli, 9 - Z.I.
33050 GONARS (UD)
ITALY
P.IVA: 01662390309



DECLARATION OF PERFORMANCE (DoP) N. S2

1. Unique identification of the product type: S2
2. Type number: S20050, S21050, S22050, S23050, S29050, S20051, 21051, S22051, S23051, S29051, S20052, S21052, S22052, S23052, S29052, S20110, S21110, S22110, S23110, S20111, S21111, S22111, S23111, S20112, S21112, S22112, S23112
3. Intendend use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
- On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Cesarin Alberto (Legal Representative)

ELFRI S.r.l.
 Via Friuli, 9 - Z.I.
33050 GONARS (UD)
 ITALY
 P.IVA: 01662390309



Gonars, 31st January 2024

DECLARATION OF PERFORMANCE (DoP) N. S3

1. Unique identification of the product type: S3
2. Type number: S30060, S31060, S32060, S33060, S30061, S31061, S32061, S33061, S30062, S31062, S32062, S33062, 30050_061
3. Intendend use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
- On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Cesarin Alberto (Legal Representative)

Gonars, 31st January 2024

ELFRI S.r.l.
Via Friuli, 9 - Z.I.
33050 GONARS (UD)
ITALY
P.IVA: 01662390309



DECLARATION OF PERFORMANCE (DoP) N. S5

1. Unique identification of the product type: S5
2. Type number: S50140, S50141, S50142, S50160, S50161, S50162, S52160, S52161, S52162, S59150, S59151, S59152, S59160, S59161, S59162
3. Intendend use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Cesarin Alberto (Legal Representative)

Gonars, 31st January 2024

ELFRI S.r.l.
Via Friuli, 9 - Z.I.
33050 GONARS (UD)
ITALY
P.IVA: 01662390309



DECLARATION OF PERFORMANCE (DoP) N. S5-3-4

1. Unique identification of the product type: S5
2. Type number: S50163, S50164, S52163, S52164, S59153, S59154
3. Intendend use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

11. Check insulation

Operating voltage	110 Vac / Vdc	230 Vac / Vdc
Resistance measurement of earth conductors	$\leq 0.2 \Omega @ 10\text{Adc per } 1''$	
Dielectric strength test	1000 Vac @ 50 Hz per 1''	2000 Vac @ 50 Hz per 1''
Insulation resistance test	$\geq 2 \text{ M}\Omega @ 500\text{Vdc per } 1''$	

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Gonars, 31st January 2024

Cesarin Alberto (Legal Representative)

ELFRI S.r.l.
Via Friuli, 9 - Z.I.
33050 GONARS (UD)
ITALY
P.V.A: 01662390309



DECLARATION OF PERFORMANCE (DoP) N. S6

1. Unique identification of the product type: S6
2. Type number: S60060, S60061, S60062, S62060, S62061, S62062
3. Intended use: Fire and smoke compartmentation doors.
4. Manufacturer's name address: ELFRI S.r.l.
Via Friuli, 9 - 33050 Gonars (UD) Italia
5. Not Declared
6. Assessment system and constancy performance verification of the construction product: System 1
7. Number and name of the notified institute: ISTITUTO GIORDANO S.p.A. - N. 0407
On the base of the following elements, it has released constancy performance certificate of the construction product:
- i) Determination of the product-type on the basis of type testings (sampling included), type calculation, schedule values or descriptive documents of the products.
 - ii) Inspection of manufacturing plant and factory production control
 - iii) Surveillance, assessment and evaluation of factory production control
8. Not Declared

9. Declared performance

Essential characteristics	Specific performance	Harmonised technical specification
From 5.1.2 to 5.1.6 Design and product informatio	Pass	EN 1155:1997/A1:2002/AC:2006
5.2.1 Generality	Closer force 4-7 Mass of the door 80-160Kilos	
5.2.2 Electric release	Pass	
5.2.3 Requirements of the closure device	N/A	
5.2.4 Duration	Grade 5 (50'000 test cycles)	
5.2.5 Angle of hold	Pass	
5.2.6 Manual release	Pass	
5.2.7 Continuos hold open	Pass	
5.2.8 Overload performance	Pass (15-36 Kilos)	
5.2.9 Delayed release	N/A	
5.2.11 Temperature rise	Pass	
5.2.12 Damage	Pass	
5.2.13 Fire and smoke doors suitability	Pass	
5.2.14.1 Corrosion resistance	Grade 4 (240 hours)	
5.2.14.2 Corrosion resistance	Pass	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Cesarin Alberto (Legal Representative)

Gonars, 31st January 2024

ELFRI S.r.l.
Via Friuli, 9 - Z.I.
33050 GONARS (UD)
ITALY
P.IVA: 01662390309

