

Declaration of Performance

CONSTRUCTION PRODUCTS REGULATION
2011 DECLARATION OF PERFORMANCE



No. DoP / XL013

1. Unique identification code of the product—type:
XL8500, XL8510, XL8520 and XL8530 Door Closers
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:
XL8500, XL8510, XL8520 and XL8530 Adjustable Strength Single Action Controlled Door Closing Device
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
For use on fire and smoke compartmentation doors, when fitted in accordance with the manufacturer's fitting instructions.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):
**Excel Architectural Hardware Limited
Errisbeg House, Barton Turn, Barton Under Needwood, Burton Upon Trent, Staffordshire, DE13 8EB**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **N/A**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:
System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:
EN1154:1996/A1:2002/AC:2006 Notified Body No. 359 issued the EC Certificate.
8. European Technical Assessment:
N/A
9. Declared performance

Essential characteristics

5 CLASSIFICATION

Self-closing

- 5.2.1 General
- 5.2.3 Closing moment
- 5.2.4 Opening moment
- 5.2.5 Efficiency
- 5.2.6 Closing time
- 5.2.7 Angles of operation
- 5.2.8 Overload performance
- 5.2.9 Temperature dependence
- 5.2.10 Fluid leakage
- 5.2.11 Damage
- 5.2.12 Latch control
- 5.2.13 Backcheck
- 5.2.14 Delayed dosing
- 5.2.15 Adjustable closing force
- 5.2.16 Zero position
- 5.2.18 Fire/smoke door suitability Annex A

Durability of Self-closing

- 5.2.2 Durability
- 5.2.17.1 Corrosion resistance
- 5.2.17.2 Corrosion resistance

Dangerous Substances

Annex ZA3

Performance

Grade 4 (closing doors from at least 180° open)
Power size 4
Power size 4
>60% (Power size 4)
Pass
Grade 4, 180°
Pass
Pass (-15° C to +40° C)
Pass
Pass
Pass
NPD (No Performance Determined)
NPD
NPD
NPD
Grade 1
Suitable for use on fire/smoke doors

500,000 test cycles
Grade 3, Natural Salt Spray (NSS) for 96 hours
Grade 3, Natural Salt Spray (NSS) for 96 hours

If a reference to dangerous substances is added in the table ZA.1, the following claim is suggested:
Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.

Harmonised technical specification

EN1154:1996/A1:2002/AC:2006

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:

A handwritten signature in black ink, appearing to read 'Chris Gorse'.

Chris Gorse
Managing Director