

Z304 FIRE DOOR CO-ORDINATORS CE

Door co-ordinators, or selectors as they are sometimes called, will enable a pair of self-closing doors with rebated meeting stiles (timber doors), security astragal (steel doors), or plain meeting stiles when both leaves are self-closing with a latchbolt, to close in the correct sequence automatically, no matter which door leaf is opened first. This is particularly important for pairs of fire/smoke rated doors and pairs of self-latching security doors which need to be kept closed.

The unique feature of the Z304 is the surface rebate catch with patented 'toggle'. If the second opening leaf is forced open first, the toggle ensures that the first opening leaf is carried far enough open by the rebate catch to allow the adjuster arm to drop and ensure the correct closing sequence. The function of the arm is to drop down under gravity when the doors are opened and hold the second closing leaf until the first closing leaf has closed. The toggle at the end of the rebate catch ensures there is always a gap and that the unit works correctly. If the rebate catch is not fitted the unit may still work correctly if the second opening leaf is flung open. However if the second opening leaf is opened slowly (as a Fire Officer would do when inspecting the fire doors, or as a child might do when pushing through the doors) it is imperative that the rebate catch is fitted to avoid the possibility of the leaves binding, or closing out of sequence. Life is at risk if the surface rebate catch is not installed. The Z304 can be used on pairs of doors with panic bolts, but the bolts need to be positioned correctly to accommodate the co-ordinator.



PRODUCT OPTIONS & SPECIFICATIONS

The standard Z304 comes with a 102mm long arm and a standard rebate catch. However, two longer arm lengths are available, 152mm and 203mm, and also an extended rebate catch, to suit most applications. General specifications below, however these may differ depending on door hardware and door variations. Please call if unsure.

	Z304.1/102	/152MM ARM	/203MM ARM	.2 EXTENDED REBATE
LEAF WIDTH	700-1000mm	1000-1200mm	1201-1400mm	700-1400mm
LEAF THICKNESS	38-58mm	Over 58mm	Over 58mm	Over 58mm
REQUIRED FOR ASTRAGAL	No	Yes	Yes	Yes
REBATE	25mm max	Over 28mm	Over 28mm	Over 28mm
LEAF WEIGHT	Up to 120kg	Up to 120kg	Up to 120kg	Up to 120kg
DOOR CLOSER SIZE	3-5	3-5	3-5	3-5

FULLY TESTED TO BS EN 1158:1997, CE MARKED

Many other door selectors do not stand the test of time, but the Z304 which is British made has been tested to 1,000,000 cycles. It has been fully tested in accordance with BS EN 1158:1997/ A1:2002/AC:2006 and is CE marked. Its Product Classification in accordance with Clause 4 is $[3\ 5\ 1\ 1\ 3]$. It is easy to fit with full fitting instructions and fixings provided. Manufacturers 10 year guarantee. CE certificate No 2812-CPR-AF5006. The surface rebate catch must be installed as tested.

FIRE TESTING

Following successful fire testing the complete Z304 range has been assessed for use on previously tested steel and timber/mineral based doorsets to BS EN 1634-1:2014 + A1:2018. They can be installed on steel fire resisting doorsets for up to 240 minutes integrity (and insulation where relevant) performance, and timber/mineral based fire resisting doorsets for up to 120 minutes integrity and insulation performance. Furthermore, they can be installed regardless of the exposure direction.

CORROSION

Independently successfully tested to Grade 4 (240 hours neutral salt spray exposure) in accordance with BS EN 1670:2007 Building Hardware - Corrosion Resistance.

UL LISTING

This product has been UL Listed in the US and Canada since September 2014 for use with a pair of swinging fire doors rated up to and including 4 hr incorporating an astragal or needing sequenced closing, Certificate Number 20140925-R37964. US Standard ANSI/UL 10C and Canadian Standard CAN/ULC-S104 refer. See the UL Online Certifications Directory at www.ul.com/database for additional information.

FINISHES

- Satin Anodised Aluminium (SAA) and Simulated Plated Satin Stainless Steel (SSS) as standard
- Wide range of special finishes to order (applied to SAA), such as Black, Gold, Polished Chrome, Brass and even powder coated to a particular RAL

