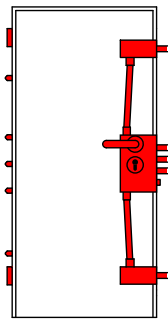


PROTECTION C30

TECHNICAL CHARACTERISTICS



Euro profile cylinder security lock. Approved fire door EI₂30 (EN 1634-1). Single doors. Standard and customised sizes.

DOOR LEAF

- Structure: double galvanised steel sheet (10/10 outer and 10/10 inner) reinforced with internal vertical omega stiffeners.
- Insulation: fireproof material within the door carcass.
- External fire insulation panel.
- Soft rubber gasket for sealing in between door leaf and door jambs.
- 5 dog bolts.
- 2 robust adjustable welded hinges.
- Lock security plate.
- Wide angle door view.
- Door limiter
- Adjustable drop seal.
- Internal and external handles available in various types and colours.

FRAME AND SUBFRAME

- Rolled sheet steel frame and subframe with powder coated finish (RAL 8014); 2 mm thickness; available in different colours on request. It is possible to adjust the position of frame and

subframe both in height and in depth.

- External wooden frame covers.
- Intumescent fire, smoke and draft gasket.

LOCKING SYSTEM

- Euro profile cylinder security lock. High security multi-point locking system.
- Two horizontal locking bolts (one upper and one lower) and three in the centre of the door leaf.
- Cylinder protection device (defender).
- The lock can be equipped with all the European profile cylinders listed in the Price List and can be equipped with a half-cylinder for temporary use on site.

COATINGS

- As well as the entire range of standard Torterolo & Re panels, individually designed panels are often specified to ensure that customers' requirements are met. The range of panels includes solid or machined, plain engineered wood finishes - the possibilities are endless. Aluminium coatings not applicable.
- Removable internal panel keepers.

- Brown external panel keeper surrounds (door edges); other finishes available on request.

VARIETY AND FLEXIBILITY

- Options include: external opener.

PERFORMANCE TABLE*

	Fire Resistance ⁽¹⁾	Burglar Resistance	Thermal Insulation [W/m ² K]	Acoustic Insulation Rw [dB]	Water Tightness	Air Tightness	Wind resistance
SINGLE DOOR	EI ₂ 30	class 3 ⁽²⁾ level 2 ⁽³⁾	1,5	41	n.p.d.	class 1	class C3

n.p.d.: no performance declared

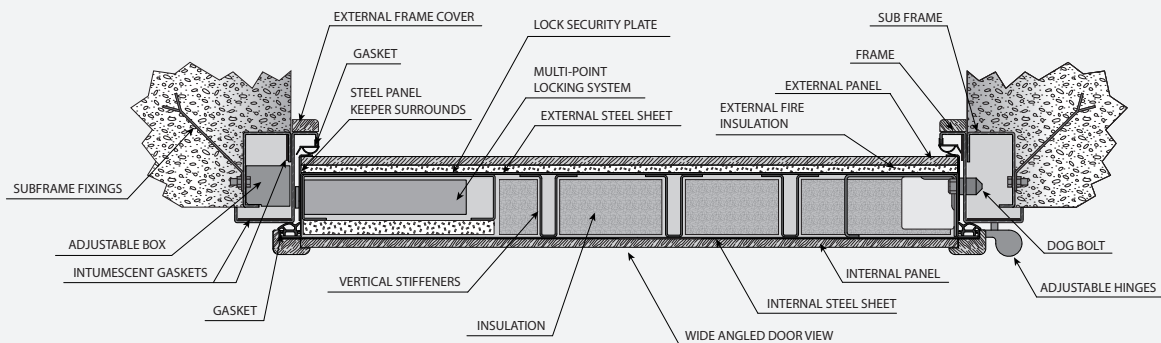
Thermal transmission values given refer to doors covered with plain wooden panels 7mm thick and vary depending on the finishes and options required.

* Torterolo & Re ensures that the production of all door sets complies with its engineering designs and prototypes that have been proved in its engineering laboratories. Values outlined in the table can only be guaranteed if door sets are supplied complete and fully assembled by Torterolo & Re. Detailed specifications of products are outlined within the "Tabella Limiti" and doors must be installed and adjusted in line with the manufacturer's instructions. Changes to door sets that are undertaken locally following installation may invalidate performance criteria.

⁽¹⁾ Accreditation: United Kingdom, Warrington Institute.

⁽²⁾ According to UNI EN 1627:2000.

⁽³⁾ LPCB certificate No. 1056a according to LPS 1175: issue 7.



STANDARD DIMENSIONS Net opening [cm]

SINGLE DOOR			
H	209	209	209
W	79,5	84,5	89,5

Available in standard and customised sizes, single doors.

Limits of permitted size variations (according to the Assessment Report No 174198 issued by Bodycote WarringtonFire): width from 65 to 100 cm; height from 190 to 240 cm; maximum area: 2.45 m²