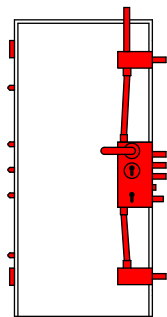


TR 611

TECHNICAL CHARACTERISTICS



Euro profile cylinder security lock. Service lock with cylinder. Single and double 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 carcase.
- 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.

LOCKING SYSTEM

- Euro profile cylinder security lock. Multi-point locking system. Shaped locking bolts.
- One bottom (horizontal), three central (horizontal) and one top (horizontal/vertical) locking bolts with additional locking bolt for secondary cylinder.
- Service lock with cylinder.
- Cylinder protection device (defender) on the security lock.
- The lock can be equipped with the European profile cylinders 'Smart', 'Excel' and 'Prestige', as well as 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 and aluminium - the possibilities are endless.
- Removable internal panel keepers.
- Brown external panel keeper surrounds (door edges); other finishes available on request.

VARIETY AND FLEXIBILITY

- Options include overhead fanlights with either solid or glazed panels (the glazing can be decorative) - including arched fanlights; rectangular or shaped security glass in the leaf; access control: an electronic strike to provide for controlled remote access; arched doors, both single or double; external opener; with fixed side and overhead panels (glazed or solid) for secure entrances.

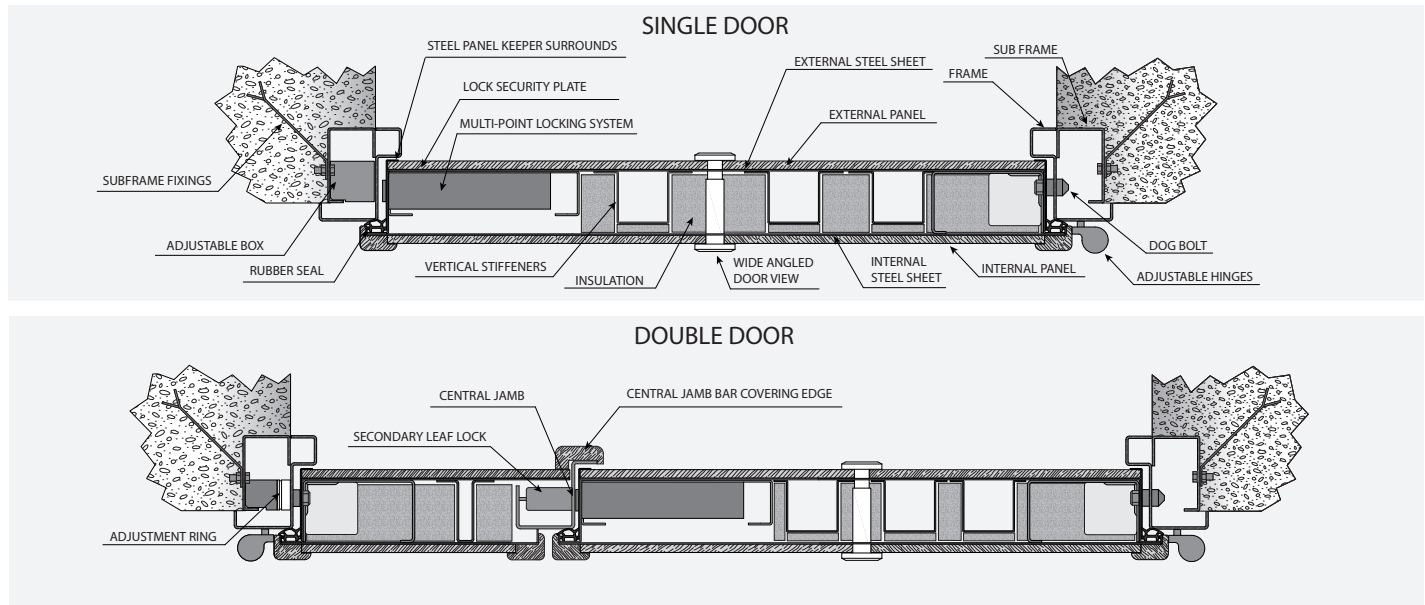
PERFORMANCE TABLE*

| | Burglar Resistance | Thermal Insulation [W/m ² K] | Acoustic Insulation R _w [dB] | Water Tightness | Air Tightness | Wind resistance |
|-------------|--------------------|---|---|--|--|--|
| SINGLE DOOR | class 3 | from 1,8 to 1,3 <i>1,9 with aluminium external panel</i> | from 37 to 42 | n.p.d. <i>class 3A with performance kit</i> | class 1 <i>class 3 with performance kit</i> | class C3 <i>class C5 with performance kit</i> |
| DOUBLE DOOR | class 3 | from 2,1 to 1,5 <i>2,2 with aluminium external panel</i> | from 30 to 32 | n.p.d. <i>class 0A with performance kit</i> | class 1 <i>class 2 with performance kit</i> | class C3 <i>class C4 with performance kit</i> |

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.



STANDARD DIMENSIONS Net opening [cm]

| | SINGLE DOOR | | | DOUBLE DOOR | | | | | |
|---|-------------|------|------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| H | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 |
| W | 79,5 | 84,5 | 89,5 | 110 (79,5+30,5) | 115 (84,5+30,5) | 120 (89,5+30,5) | 120 (79,5+40,5) | 125 (84,5+40,5) | 130 (89,5+40,5) |

Available in standard and customised sizes, single or double doors. For doors with a vertical net opening below 195 cm, the top locking bolt is vertical. Minimum dimensions for secondary leaf - net width of 25 cm.