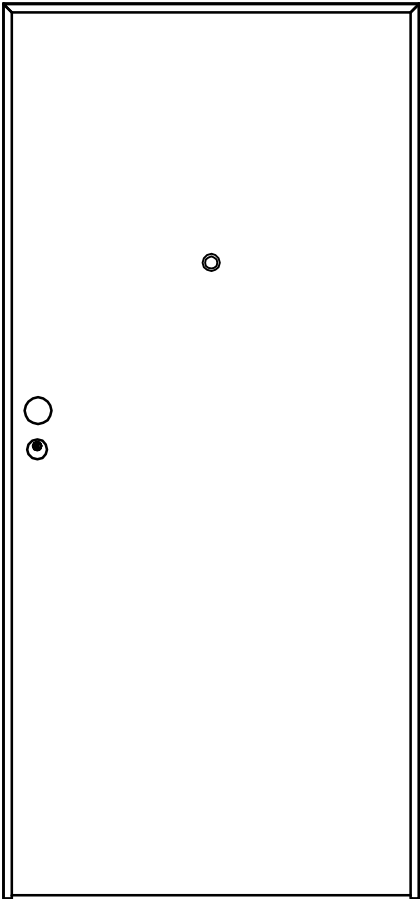


SECURITY DOOR  
POWER

DIMENSION 2000X900



## SECURITY DOOR POWER

Constructed as result of intensive continuing research turn our doors into an impenetrable barrier against burglars and the most advanced techniques of intrusion. Besides their quality, doors aesthetics and style were not compromised.

**CERTIFICATION:** Fire resistance EI<sub>2</sub>30, level 3 security.

### DOOR LEAF

#### Structure

Portrisa's high Security doors have na electro-zinc steel body, with double steel sheet on the outside, also with vertical reinforcements, making a unitary construction.

To ensure more and better security, the doors structure is strengthened even more in the areas surrounding the lock, hinge and bolts.

Adjustable hinges made of steel with matching colour coded covers, automatic mobile cill with adjustment screw to prevent, light and dust penetration.

The **START** door is built with an exterior layer of steel reinforced by 3 sheared internal reinforcements providing the door's toughness.

Start series have 12 fastening points:

- 4 deadbolts + 1 latch lock
- 1 top leading edge deadbolt
- 1 bottom leading edge deadbolt
- 4 hinge bolts
- 1 safety catch

### SUPPORT STRUCTURE

#### Sub-frame

Built with 2mm electro zinc plated, it stays firmly fastened to the concrete Wall with 8 powerful anti-sliding steel ties. This sub-frame is equipped with special fasteners allowing vertical and horizontal fitting adjustment, as well as easy assembly of the frame and door. This makes all the door installation extremely easy, the door can be applied to the sub frame afterwards, this procedure is easy and free from getting damaged during house finishing job.

#### Frame

Machined plate 1,5mm.

**Fixation:** 8 M8x20 screws in special brackets for easy installation and the possibility of horizontal and vertical adjustment.

### HARDWARE

#### Door Lock

Model *EURO*

*Position:* Embedded in the door leaf

*Cylinder:* European profile

*Number of keys:* 1 key work and final 4 keys.

The high SECURITY PORTRISA door EURO model comes standart with a smoth turning european cylinder system lock, armoured with steel plate, the cylinder is shielded by a defender proction manganese steel system. The lock comes along with the key, which is small and very easy to handle. You can have multiple cylinders with only 1 master key. The door is provided with temporary keys while installation is taking place, this temporary keys will be replaced by 4 fresh new ones once the installation is completed.

#### Handles

*Material:* Aluminum

*Color:* Silver.

#### Hinges

*Structure:* The hinge allows door height adjustment. It's axle features a spherical bearing which allows a smoother movement of the door.

*Material:* Steel with 6 mm

*Faithful:* Man of Steel Ø14mm with balls on the end

*Links:* Screws (frame) and welding (structure)

*Covers for hinges:* Gray, Beech, Oak, Golden, White

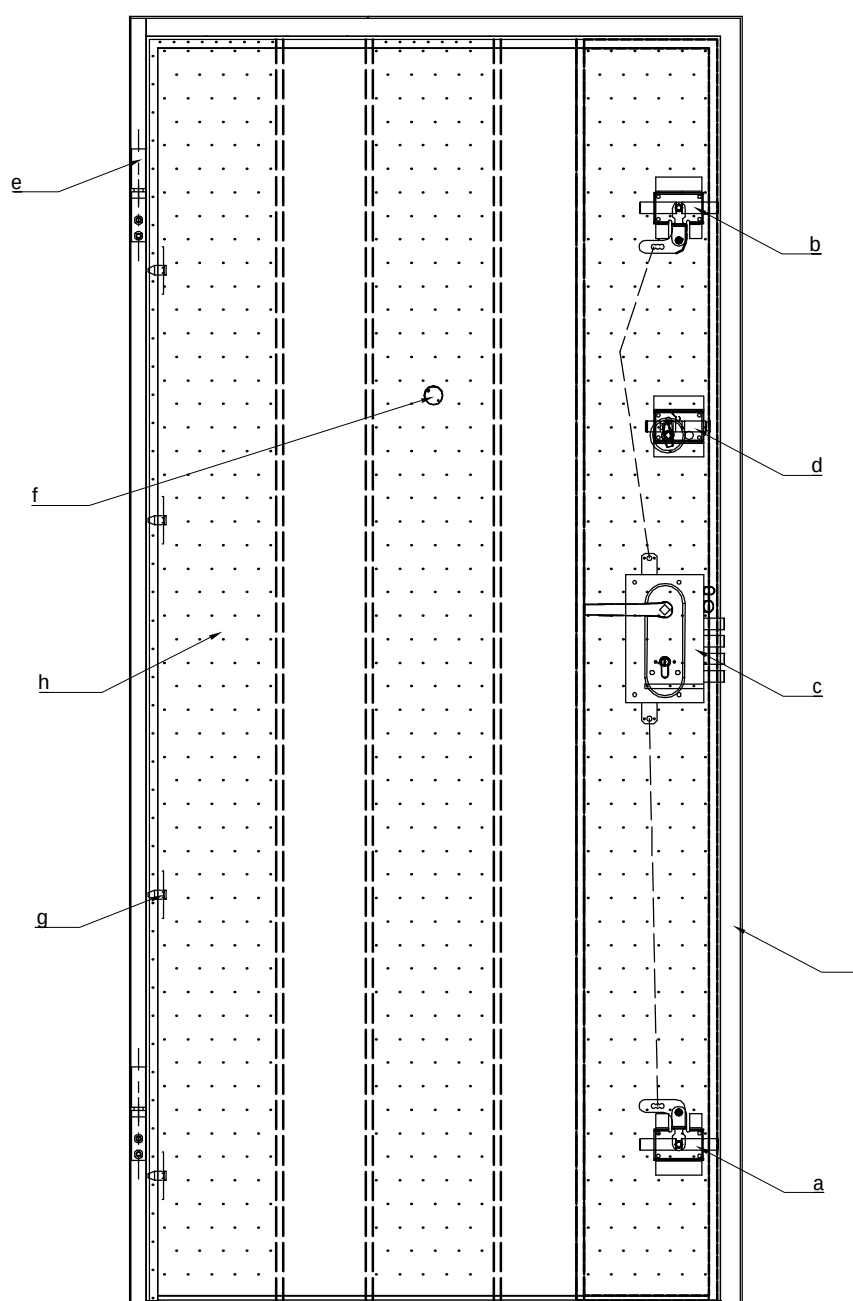
#### Great-angular spyhole

SECURITY DOOR

START POWER

**TECHNICAL SCHEME**

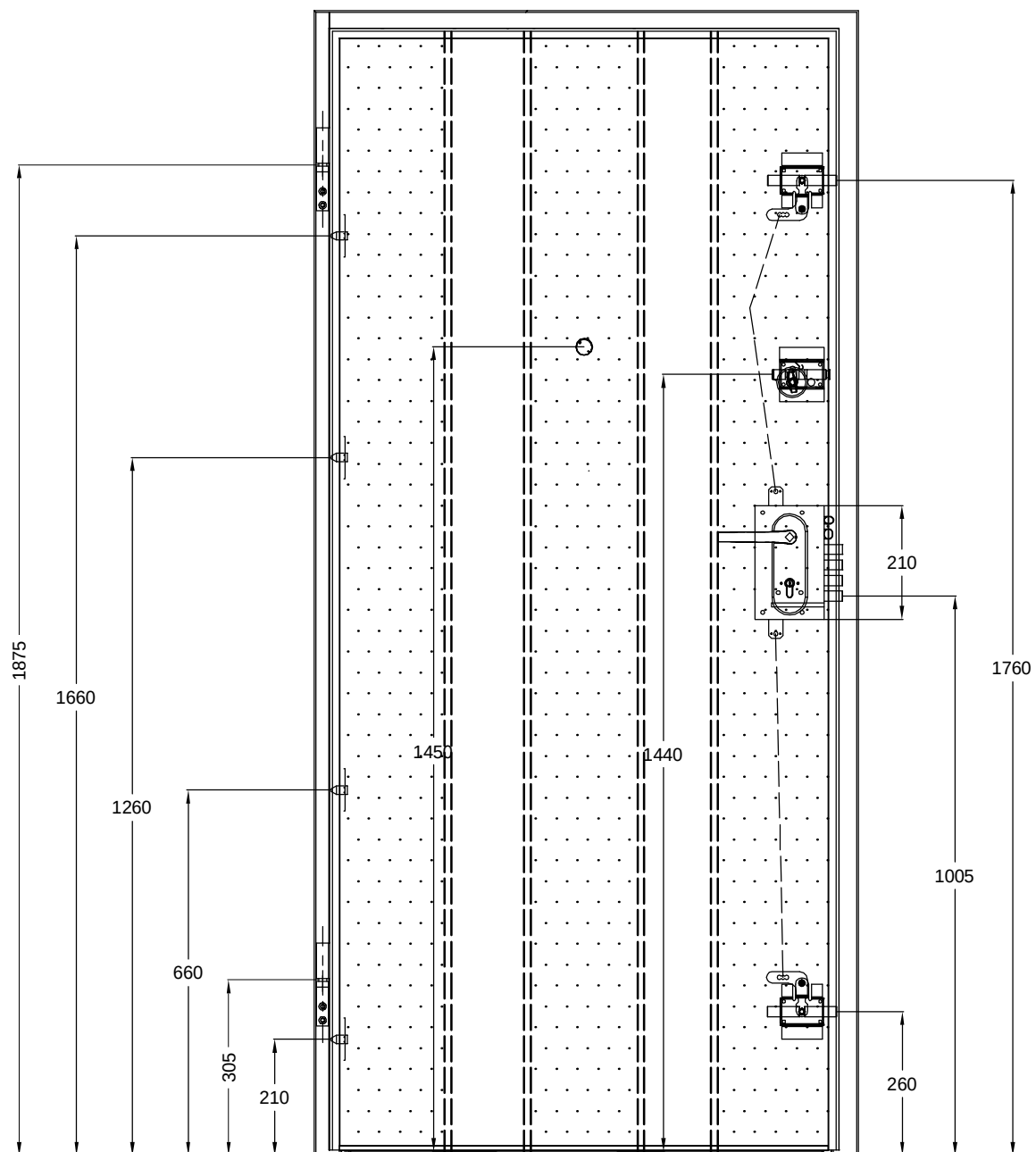
**Security door structure**



- a- Bottom leading edge deadbolt
- b- Upper leading edge deadbolt
- c- Door lock
- d- Safety catch
- e- Door hinge
- f- Eye viewer
- g- Locking point (x4)
- h- Door struture reinforcement
- i- Frame

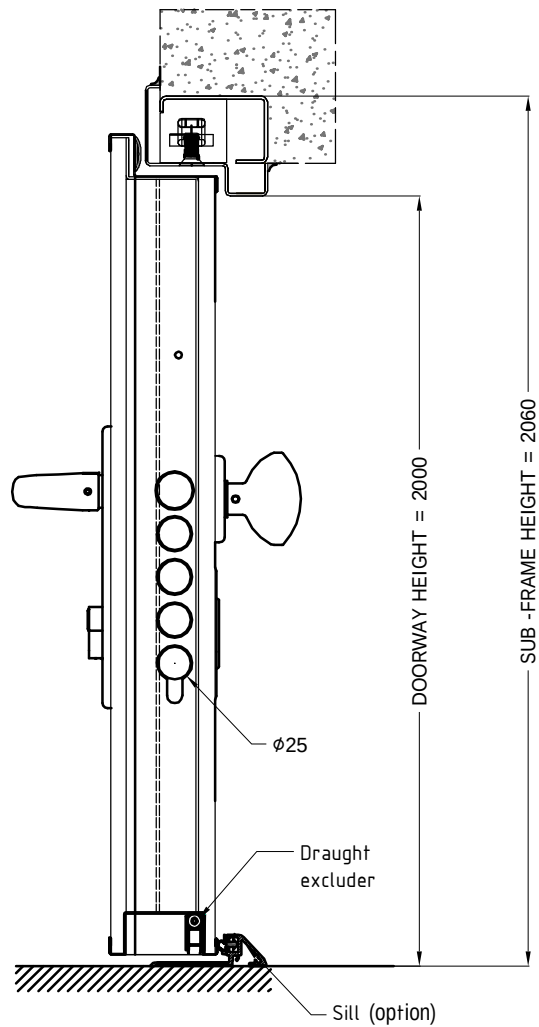
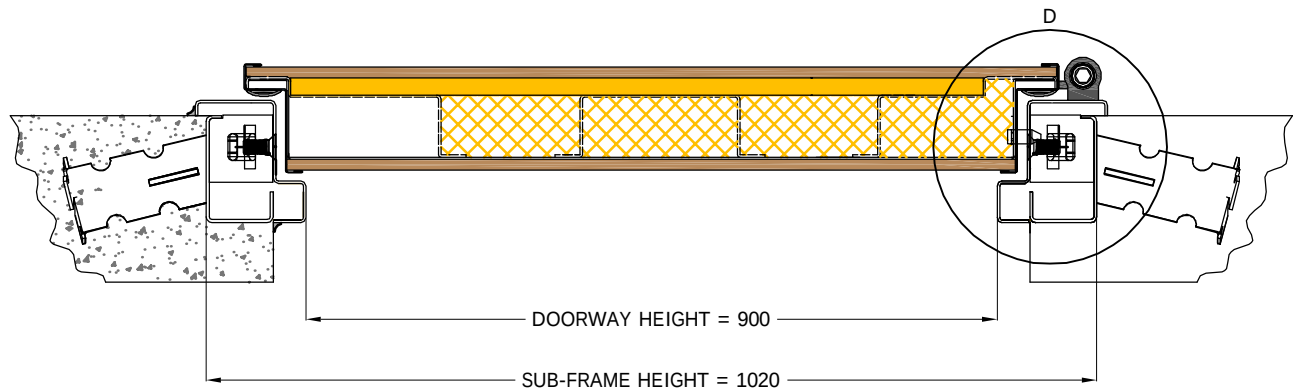
SECURITY DOOR  
START POWER

**TECHNICAL SCHEME**  
Security door structure



SECURITY DOOR  
START POWER

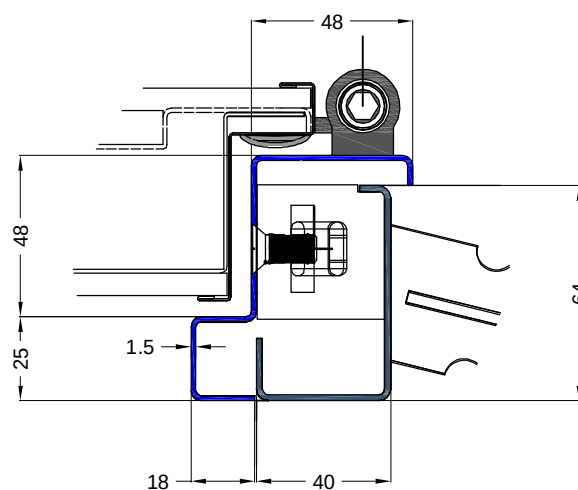
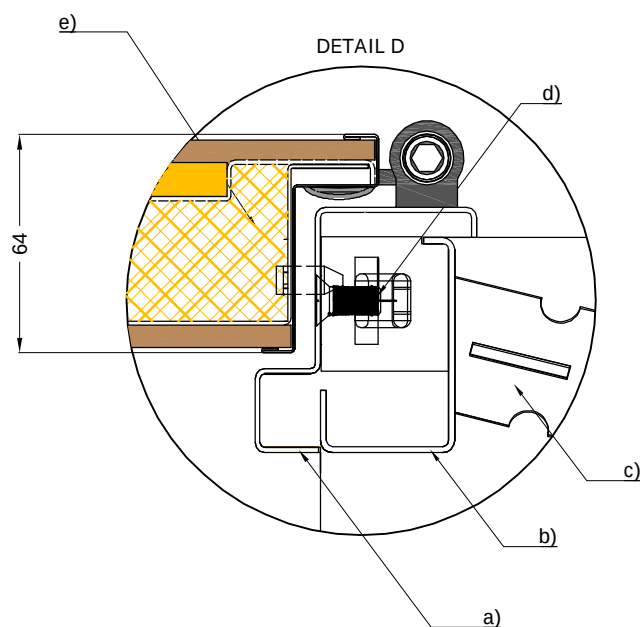
**TECHNICAL SCHEME**  
Standard Frame



- Plasterboard
- Wood
- Rockwool

SECURITY DOOR  
START POWER

**TECHNICAL SCHEME**  
**Standard Frame Details**



- a) Frame
- b) Sub-frame
- c) Steel ties
- d) Fixation of Sub-frame onto door frame
- e) Door Leaf

