

# FORCED ENTRY RESISTANT DOOR

## MODEL FE 60



The Blast, Ballistic & Forced Entry Resistant Steel Door model FE60 is manufactured by RB-DOORS according to the highest production standards and in compliance with special regulations of the Israeli Ministry of Defence. The FE60 is a Ballistic Resistant Steel Door, a security door providing the highest protection against burglaries as well as against military rifle and submachine attacks.

### TECHNICAL SPECIFICATIONS

#### GENERAL DESCRIPTION

- The door leaf is constructed of two galvanized steel sheets (thickness 1.25mm) with a ballistic resistant plate installed between them.
- The door leaf is reinforced with transversal steel bars set across the leaf between the casings.
- A fourteen-point locking system and four specially designed high resistant hinges provide maximum protection against forced entry and high blast levels.
- The frame includes an inter-locking mechanism running on sliding bearings, locking the frame into the door in 6 locking points.
- Door leaf weight approx. 280 kg.
- Outward opening door only.

#### HARDWARE AND ACCESSORIES

- The multi-point mortise lock secures the door to the frame in 8 locking points, including four special hook locking mechanisms.
- High Security RB cylinder with improved cylinder protector, preventing drilling as well as forcing of the lock or the cylinder.
- Additional accessories available: hydraulic closer, electric strike, S&G combination lock.
- Multi-point locking mortise lock with Electronic monitoring function (lock \ un-lock) – optional.

#### BALLISTIC AND BLAST RESISTANCE

- Certified by H.P. White Labs in accordance with the standards and procedures of SD – STD – 01.01 revisions G (amended).
- Ballistic protection level: military rifle. The ballistic plate also meets the requirements of the UL 752 standard, protection level 4.
- Blast Resistance - The door was tested with a blast of 150psi and an impulse of 200psi/msec.

#### FORCED ENTRY RESISTANCE

- The door is certified by H.P. White Labs in accordance with the standards and procedures of SD – STD – 01.01 revisions G (amended).
- Forced entry protection level: 60 minutes.

#### THE DOOR FRAME

- The FE60 special frame may be concrete casted or welded to a steel forced entry resistant wall structure.
- The frame is made from 3mm thick hot dip galvanized steel sheets reinforced with interior anti-ballistic plates. The frame weighs approx. 100kg.
- The frame is assembled together with the door in the Rav-Bariach factory.

#### DOOR FINISHES

- PVC finish.
- Powder painted.
- 4 mm decorative panels.

#### STANDARD DOOR LEAF DIMENSIONS

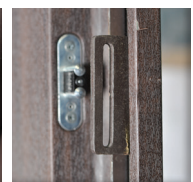
- Height: 2,040 mm.
  - Width: 800 mm.
- (Other dimensions are available upon special order).



lockis pat-pend cylinder inside



High resistant hinges



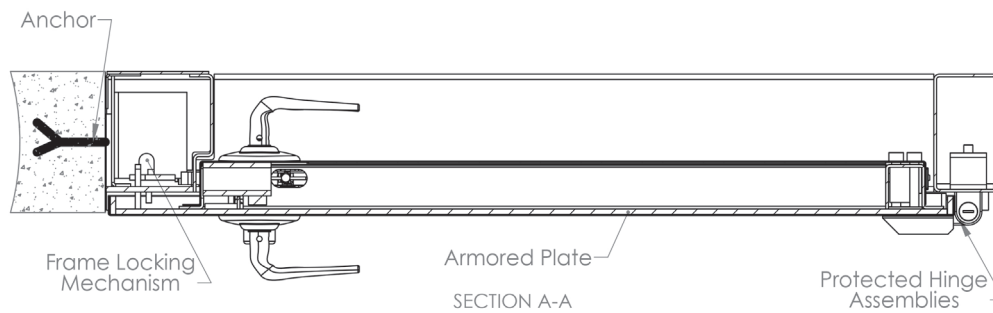
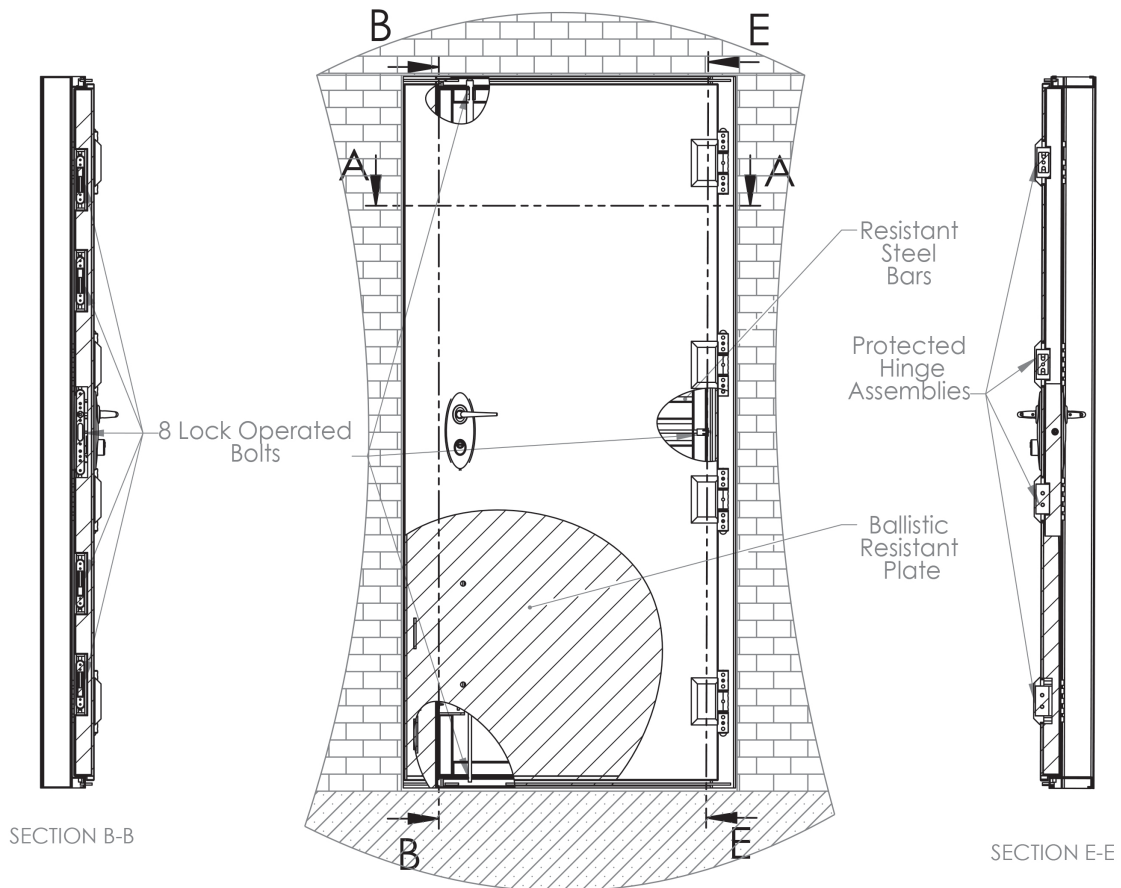
Inter - locking mechanism

For your assurance of maximum security and the highest quality, choose only original products by rb-doors.

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## TECHNICAL DRAWINGS



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