



RB-DOORS

Safety Rooms

The History of Safety Room in Israel

During the first Gulf war Israel was under attack by missiles launched by Iraq and caused civilian casualties. After the war was ended, the Israeli government decided to update the building code and made safety rooms a mandatory in all new buildings. IDF's Front Home Command was appointed has the authority to evaluating the threats and specifying the standards accordingly.

Since then safety rooms became a life saving solution that proves itself during several conflicts and thousands of rockets and missiles that were launched towards Israeli cities.

There are different types of safety rooms:

Residential Safety Room – one of the room in the apartment that accommodates the household members

Floor Safety Room – dedicated space in each floor that accommodates few families

Commercial Safety Room – big space in institutes, commercial building, hospitals and more that accommodates up to 100 people



Safety Room for Institutional and Commercial Buildings (Hospitals, Schools, Public Facilities, etc...)

- ❑ Safety room is a life saving solution put into testing numerous times during the conflicts we had in Israel – it's a crucial component in the complete protection envelope for civilians
- ❑ Made of reinforced concrete
- ❑ Built according to Israeli Building code and IDF Home Front Command guideline
- ❑ Contains the following built-in items:
 - Blast door – protection against blast , debris and sealing
 - Blast window - protection against blast , debris and sealing
 - NBC filtration and ventilation system
 - Ventilation tubes



Safety Room by RB DOORS

- ❑ RB is a well known and established brand for security and safety products in the Israeli market for the last 49 years
- ❑ RB HQ is located in close proximity to the front line and suffered from rockets attacks
- ❑ RB has the knowledge and expertise in safety rooms
- ❑ RB is involved in spec writing and setting the standard
- ❑ RB manufactures all the products for safety room and these were put into test numerous times during regional escalations



What Does Safety Room contain ?



❑ Reinforced concrete walls – 20/30 cm thickness

❑ NBC Filtration and Ventilation System

- The system is engineered to provide maximum convenience of operation during times of emergency
- The system enables up to 6 people to safely stay in the protected security room without need for wearing NBC gas masks
- The system provides fresh air in ventilation mode, and an optimal level of filtration for filtered air
- The system carries the Israeli Standard Mark SII4570 and IDF Home Front Command certificate according to Regulation 6869

❑ Blast Door

- Steel Door for Residential Protected Areas
- Two welded steel casings with horizontal reinforcements
- Slam-shut lock with central latch and two side bolts to lock-seal the door
- Standard-compliant peripheral gasket



❑ Blast Windows

- Dual-Purpose Reinforced Security Room Window, complying to IDF Home Front Command's standards for new builds
- Providing blast and shrapnel protection, and protective sealing against gaseous substances
- Single or double leafed steel window leaves – 20mm for residential reinforced security room window and 24mm for institutional reinforced security room window
- Window leaves slide into concealed wall pockets
- The steel plate moves on reinforced steel bearings situated on the bottom of the plate
- Internal aluminum framed window is "leaf on leaf" sliding window structure, leaves passing each other horizontally



❑ Ventilation Tubes and Infrastructure Tubes

- Ventilation tubes are used for in & out air flow
- There are two sizes of tubes - 4" and 8" diameter
- Infrastructure tubes are used for electricity and communication wiring



Safety Room in the Media

Safety rooms save lives in missile attacks on Israel. Real case studies.

- <https://www.timesofisrael.com/the-safest-room-in-the-house/>
- <https://www.youtube.com/watch?v=dfvx6krkNMI&t=35s>
- <https://www.youtube.com/watch?v=XyIVvTjES28>
- https://www.youtube.com/watch?v=NPRRtE9B_9s
- <https://www.youtube.com/watch?v=JxggeuIBfjE>
- https://www.youtube.com/watch?v=SITSZqsF_Ns

IDF Home Front Command Official Website

- <https://www.oref.org.il/12495-15944-en/Pakar.aspx>
- <https://www.oref.org.il/12495-19255-en/Pakar.aspx>
- <https://www.oref.org.il/12495-16161-en/Pakar.aspx>



Business Card



Founded in 1973



8 production plants



The RB-Group has shown tremendous growth (25% YoY) since acquisition in July 2008.



World's largest security door manufacturer (mass customization)



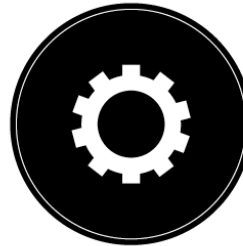
One Stop Shop
Manufacturing a variety of products for the construction industry



The strongest Door Brand in Israel



Above 100M\$ investment in technology and R&D over 10 years



A new production plant debut in early 2023



Selling in over 50 countries around the world

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