

SAFEDOOR

About SAFEDOOR

SAFEDOOR is a construction and exports company since 1988. Our company designs, develops and manufactures fire-resistant, radiation shielding, safety and soundproofing doors.

SAFEDOOR is the only company in Greece that has conducted fire tests for shutters, doors and firecurtains with both internationally acclaimed and recognized by ESYD European test institutes and owns 24 proprietary fire certificates that accompany the products that it manufactures (as well as 21 other certificates by cooperating factories).

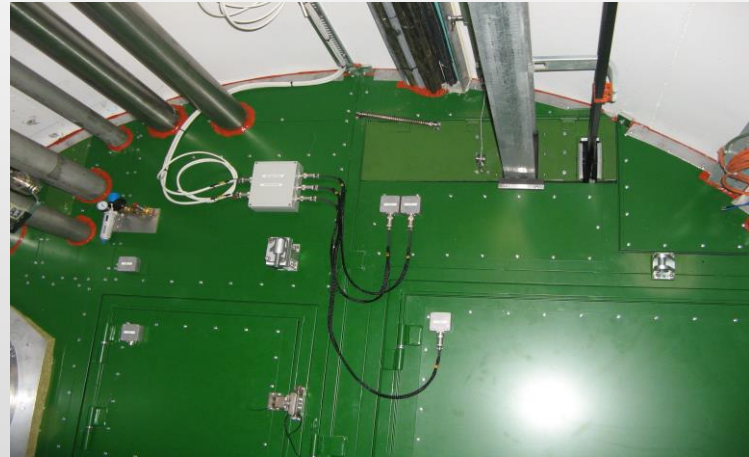
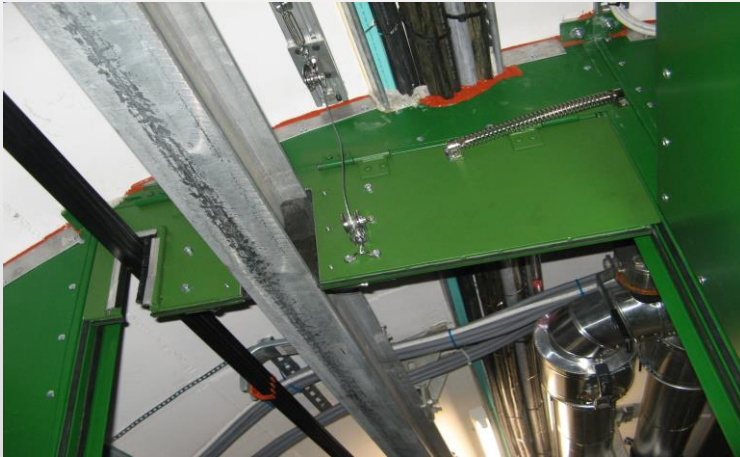


Project portfolio:

In 2013 the European Center for Nuclear Research **CERN** in Switzerland chose SAFEDOOR for manufacturing its specialized fire barriers for the 7th section of the tunnel of the Large Hadron Collider (LHC). The structures were successfully built and SAFEDOOR joined the list of the organization's approved suppliers.



CERN 7th section Large Hadron Collider (LHC).



Here is an indicative list of projects that SAFEDOOR has participated in:

Hospitals: Athens Medical Center, Thessaloniki Balkan Centre, Oncological Hospital "Elpida" Children's hospital "St. Sophia ", Volos, Larissa, Rio, Argos, Theagenio, Aretaeio, Mitera, etc.

Airports: Hellenic Aerospace Industry, SWISSPORT Eleftherios Venizelos, CARGO OA Eleftherios Venizelos, Mykonos, etc.

Olympic Venues: OACA Olympic Indoor Hall, Olympic Indoor Hall Galatsi, Patra Stadium, Olympic Tae-Kwon-Do Hall Faliro, OACA Tennis Center, etc.



Public Buildings and Facilities: 'ATHENS METRO' stations, Greek Parliament, Ministry of the Presidency, Egli Zappiou, National Mint, over 150 schools, OTE buildings, Eletrical-power plants, DESFA plants, Greek Refineries, etc.

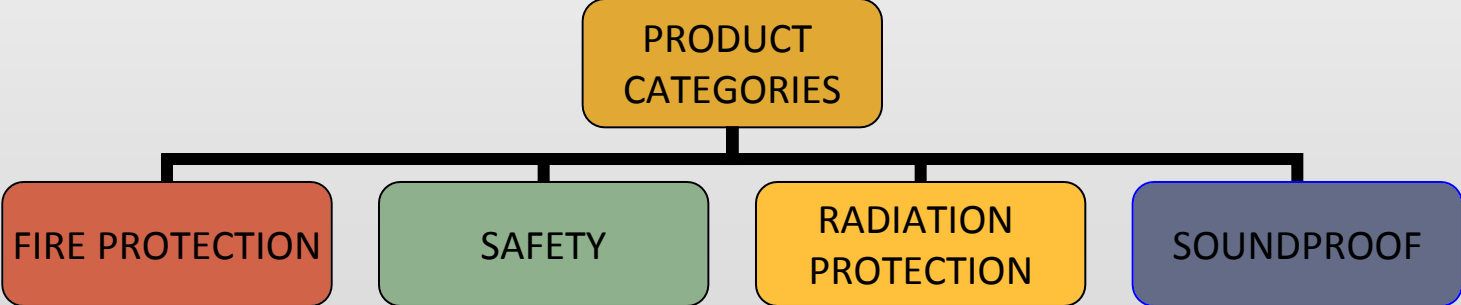
Offices-Factories: Athens Tower, Barilla, Flexopack, Carmyco, DELTA, EKO FILM, Delta Pliroforiki, high speed web press DOL-IRIS, etc.

Malls: The Mall Athens (74 stores and 3 parking areas), Golden Hall (77 stores), Mediterranean Cosmos, Athens Metro Mall, River West, Attica City Link, Capitol Mall, etc.

Supermarkets: Vassilopoulos, Marinopoulos, Veropoulos, Sklavenitis, etc.

Commercial: IKEA, Leroy Merlin, Praktiker, Carrefour etc.

Hotels: Ledra Marriott, Holliday Inn, Club Mediterranee, Mare Nostrum, Golden Coast, Grecotel, King George and more than 80 hotels around Greece.



1. FIRE ROLLING SHUTTERS

Fire Rolling Shutters “SAFEROLL”

Fire Resistance: Ranging from 60 up to 240 min.

Certification: BS 476: Part 22: 19 87

Suitable for: large opening fire compartmentalization.



Photos

Photos



2. DOUBLE – WALL FIRE ROLLING SHUTTERS (WITH OR WITHOUT INSULATION)

Double-Wall Fire Rolling Shutters “SAFEROLL DOUBLE”

Fire Resistance: Ranging from 60 up to 240 min.

Certification: BS 476: Part 22: 19 87

Suitable for: all building security, thermal insulation, soundproofing and wind pressure requirements.



Photos



Photos



3. VERTICAL & HORIZONTAL FIRE CURTAINS

Fire Curtains “SAFECURTAIN” VERTICAL & HORIZONTAL TYPE

Fire Resistance: Ranging from 30 up to 120 min.

Certification: BS 476: Part 22 &
BS 7346: Part 3

Suitable for: large opening fire compartmentalization of up to 30 m wide.



Photos



5. FIRE GLAZED DOORS & WALLS

Fire glazed doors and walls “SAFE GLASS”

Fire Resistance: Ranging from 30 up to 120 min.

Certification: European Fire-Resistance Certifications

The fire-resistance specifications vary according to the glazing thickness and type (in terms of integrity, stability and radiation or thermal insulation).

Suitable for: stores, offices and clear view situations.

Design: Visually similar to aluminum constructions, while providing with additional safety and durability.



Photos



Photos



6. STEEL FIRE DOORS

Metal Fire Doors

Fire Resistance: Ranging from 30 up to 120 min.

Certification: Official fire-resistance certificate, approved by the Greek Fire Service Authorities.

Available Types: Single leaf - double leaf – special
- Sliding - With circular or square window glazing
-With louvers and automatic fire barrier -with wood paneling -with additional radiation resistance or soundproofing or safety characteristics - Closed-type (shafts)



7. WOODEN FIRE DOORS

Wooden Fire Doors

Fire Resistance: 60 min.

Design: High aesthetic value with fire resistance capabilities.

Construction: Each 58 mm leaf consists of numerous specialized layers of German fire-resistant materials and external finish made of formica, wood laminate or other.



8. FIRE MANHOLLES

Fire Resistant Manholes

Fire Resistance: 120 min.

Approved By: Athens Metro Subway Network.

Design: They can be visually completely in line with the surrounding floor surfaces.



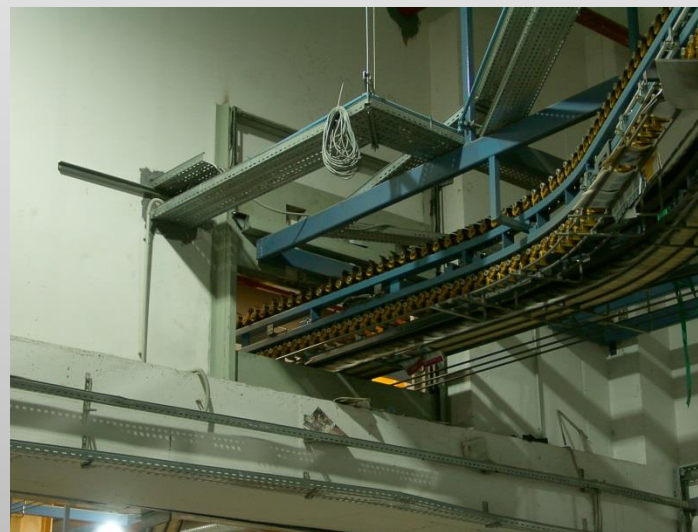
9. FIRE BARRIERS FOR ELECTROMECHANICAL INSTALLATIONS

Fire Barriers

Fire Resistance: Ranging from 60 up to 120 min.

Approved By: Greek Fire Service Authorities.

Suitable for: E/M crossings between fire compartments, such as metal or plastic piping, metallic ducts, cable trays, cross conveyors, etc.



1. ANDIVANDAL ROLLING SHUTTERS

Andivandal Rolling Shutter

Construction: It is a combination of a safety rolling shutter and a fire rolling shutter.

Suitable for: For avoiding the problem of break-ins and vandalisms in commercial shops.

Automations: It closes automatically – without electricity- in cases of:

- Fire detection or local temperature elevation

- Explosions, clatter or vibration of the shop window

- Breaking or scraping of relevant sensors

- By remote telephone signal.

With a total weight of 30 Kg/m², it is practically impenetrable for aspiring vandals.



Photos



2. ANDIVANDAL ROLLING SHUTTERS WITH BULLETPROOF SHIELD

Andivandal Rolling Shutter & bulletproof Shield

Construction: extra heavy duty rolling shutter installation with a specialized bulletproof steel alloy shielding.

Suitable for: Banks – Embassies - CIT protection garages - VIP venues & where protection against terrorism and armed robbery is of importance.

They shut even in the event of a power shortage.

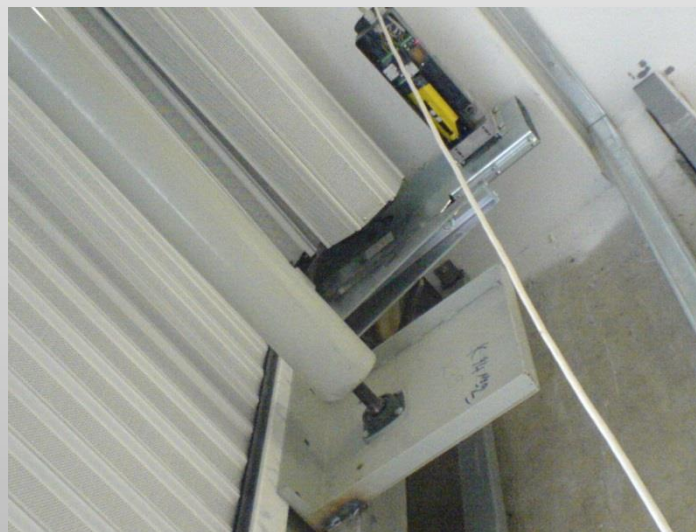


3. SAFETY OR INDUSTRIAL ROLLING SHUTTERS

Security Rolling Shutters

Construction: perforated steel laths, lattice or closed-type ones. Operated by motor (throw or installed on the shaft)

Suitable for: commercial shops, industrial or storage areas, car garages and in general areas with the essential safety requirements.



4. SAFETY GLAZED DOORS AND WALLS

Safety Glazed Doors and Walls

Construction: From specialized high-strength steel profile systems.

Design: look and feel like aluminum constructions and offer additional security. Painted electrostatic powder-dyed across the range of RAL colors or made of stainless steel.

Types: The glazing may be common, energy saving, security, andivandal or other type.



6. ARMORED SECURITY DOORS

Armored Security Doors

Construction: Their structure is based on an evolved fire door type with wood finishing.

11, 15 or 17 steel safety pistons, additional stiffening reinforcements, soundproofing, thermal insulation, security lock, automatic floor windbreak and double wind gaskets.

Design: Classic or modern finishing with a wide range of accessories.



5. BULLETPROOF DOORS CLASSIFICATION FB6

Bulletproof Doors FB 6 NS.

Certification: EN 1522 and EN 1523 standards which describe bulletproof structures.

Approved: Officially certified by “Hellenic Defence Systems”, following a ballistic test using a Kalashnikov machine gun, as well as M80 and SS-109.

Class: Highest safety category FB 6 NS.



7. HIGH WIND PRESSURE/VACUUM DOORS

High Wind Pressure/Vacuum

Suitable for: areas with high wind load / vacuum requirements and wind insulation, such as underground tunnels, road or railway tunnels, outdoor areas with strong winds, ventilation shafts.

Types: Available in combination with fire protection characteristics and certification.



1. HIGH RADIATION SHIELDING DOORS

High Radiation Shielding Doors

Construction: Motorized doors, weighing approximately 2 metric tons.

Suitable for: Radiotherapy Units with Linear Accelerators of up to 25 MeV.

Approved by: Control and Licensing Department of the Greek Atomic Energy Commission (GAEC), wherever they have been installed.



2. RADIATION SHIELDING METAL DOORS

Radiation Shielding Metal Doors

Construction: Heavy duty metal doors using lead sheets of 1-50 mm thickness for the frame and door leaf, according to specifications. They function either motorized or manually.

Suitable for: Radiology Laboratories, Hospitals, gamma-camera Laboratories, CT scanner, Positron Emission Tomography (PET CT), etc.

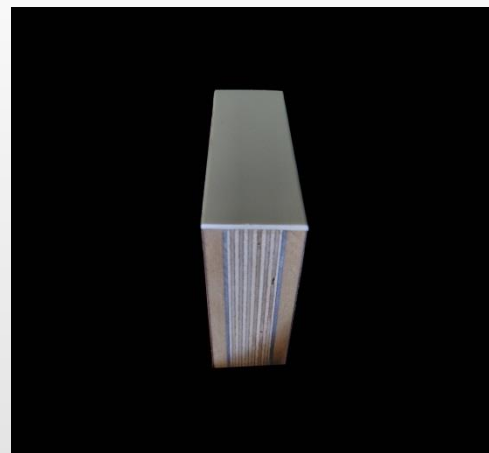


3. RADIATION SHIELDING WOODEN DOORS

Sliding or Opening Wooden Door

Construction: The door leaf incorporates two lead sheets, while the metal frame has inner lead plating. The external appearance of the door covers any aesthetic requirement.

Suitable for: Radiology laboratories and hospitals.



4. RADIATION SHIELDING WINDOWS

Radiation Shielding Windows

Suitable for: The safe observation of radiation rooms.

Construction: They incorporate a special metal frame design with inner lead plating, according to specifications. The frame is installed in a way that prevents radiation leaks. The glazing (lead-glass) is also shielded in accordance with the lead thickness specifications.



5. HOT CELL

Hot Cell

Construction: Custom design product, from steel sheets and stainless steel, shielded with lead thickness of up to 30 mm.

Suitable for: receiving, processing and handling of high or low intensity radio medicine for patients (up to PET/CT shielding requirements).



Photos



CERTIFICATION

SAFEDOOR's radiation shielding doors have been certified by:

- 1) The Greek Nuclear Research Center "Demokritos": Radiographic Control Certificate No: 280/1.2/1.015/14-02-2001
- 2) The corresponding Control and Licensing Department of the Greek Atomic Energy Commission (GAEC), at their installation sites.
- 3) Independent inspecting bodies.

6. RADIATION SHIELDING RADIOISOTOPE DISPOSAL BINS

Radiation Shielding Radioisotope Disposal Bin

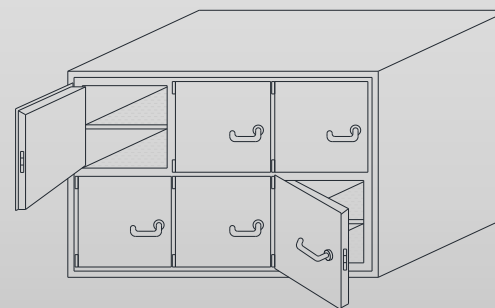
Construction: stainless square, oval or circular cross-section container, with a capacity of approximately 30 lit, reinforced with 3 mm thick lead sheets
Suitable for: the temporary storage of radioactive waste.



7. RADIOISOTOPE SHIELDING SAFEKEEPING CRYPTS

Radioisotope & Radioactive Waste Shielding Safekeeping Crypts

Construction: Steel containers (boxes) with lead shielding, according to specifications. With suitable radiation shielding metal door.
Suitable for: Storage Radioisotope and Radioactive Waste.



1. SOUNDPROOFING DOORS

Soundproofing Doors “SAFESOUND”

Certification: Sound Insulation Levels of 54, 40 and 35 dB.

Types: Available with wood paneling or/and with optional fire resistance

Suitable for: Use in professional recording studios, conference rooms, concert venues, etc.



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TYOLOGY

	SAFESOUND Extra	SAFESOUND Standard	SAFESOUND Light
Rw	54 dB	40 dB	35 dB
Thickness	9,3 cm	7,6 cm	6,0 cm
Weight/m2	130 Kg	85 Kg	52 Kg

THANK YOU!