



SAFEDOOR

FIRE RATED | RADIATION SHIELDED | SOUNDPROOF | SAFETY
DOORS

SAFEDOOR®

Since 1988



FIRE PROTECTION

- FIRE ROLLING SHUTTERS E/EW
- FIRE ROLLING SHUTTERS EI
- FIRE CURTAINS E/EW
- FIRE CURTAINS EI
- FIRE DOORS
- FIRE GLAZING
- PASSIVE FIRE PROTECTION SEALS
- CERTIFICATES



RADIATION PROTECTION

- HIGH RADIATION PROTECTION DOORS
- RADIATION PROTECTION METAL DOORS
- RADIATION PROTECTION WINDOW
- WOODEN RADIATION PROTECTION DOORS
- HOT CELL
- SHIELDED RADIOISOTOP WASTE BINS
- RADIOISOTOP STORAGE CRYPT
- CERTIFICATES



SECURITY

- ANTI-VANDAL ROLLING SHUTTERS
- ARMORED SECURITY DOORS
- COMMON or INDUSTRIAL TYPE SAFETY ROLLING SHUTTERS
- SAFETY GLAZING AND GLASS DOORS



BULLET PROOF PROTECTION

- BULLET PROOF DOORS FB6
- BULLET PROOF ROLLING SHUTTER FB5 AND FB6
- GLAZING AND GLASS DOORS FB6
- CERTIFICATES



SOUND INSULATION

- SOUND PROOF DOORS 54, 40 and 35 dB
- CERTIFICATES



SPECIAL SPECIFICATIONS

- WIND LOAD DOORS
- FLOOR FIRE PROTECTION MANHOLES



SAFEDOOR is a Construction Company that has been studying, developing and manufacturing fire protection, radiation shielding, safety, bulletproof and sound insulation doors and shutters, since 1988.

SAFEDOOR possesses an ISO 9001 quality system certification, not only for the manufacture of its products, but also for the process of designing an innovative product.

In 2003 the company moved to its new privately owned facility, a 3.000 m² factory, in the Industrial Park at Kalivia, Attica.

In 2017 **SAFEDOOR** received an HONORARY DISTINCTION OF INDUSTRIAL EXCELLENCE at the "MADE IN GREECE " awards as one of the most productive enterprises in Greece.

SAFEDOOR is the only company in Greece that has carried out fire resistance testing on roller shutters, fire curtains and doors, in internationally recognized European Testing Institutes and has more than 50 privately owned certificates that accompany its products, which are in accordance with the entirety of Greek Regulations and European Standards.

SAFEDOOR has conducted ballistic tests for doors, rolling shutters and glazing for class FB4, FB5 and FB6 that have been installed in many government buildings, offices, villas etc. guaranteeing absolute protection.

SAFEDOOR also offers RC4 and RC6 class antiburglary certification for doors and rolling shutters.

SAFEDOOR has manufactured heavy duty radiation proof doors for radiotherapy units with linear accelerators up to 25 MeV that have been approved by the Control and Licensing Department of the Greek Atomic Energy Commission (GAEC) and the Nuclear Research Center "Democritos".

In 2013, the European Center for Nuclear Research CERN, in Switzerland, selected **SAFEDOOR** for the construction of special fire barriers, in the 7th sector of the underground tunnel, where a series of scientific experiments are carried out. The barriers were deemed to be a complete success and **SAFEDOOR** joined the approved suppliers of the organization. In 2018 the company undertook a second assignment for a new line of special fire barriers for the SPS accelerator tunnel.

SAFEDOOR has participated in a considerable number of projects over the years. The most notable of those are:

Hospitals: Athens Medical Center, Inter-Balkan Center of Thessaloniki, "Elpida" Children's Oncology Hospital, "Ag. Sofia", Volos, Larissa, Rio, Argos, Theagenio, Aretaio, Mother, etc.

Airports: SWISSPORT El. Venizelos, CARGO O.A. El. Venizelos, Mykonos, ODA (3 projects)

Olympic Projects: OAKA Indoor Gym, Galatsi Gym, Patras Stadium, Faliro Gym, Tennis Center, etc. Public Buildings and

Facilities: Attiko Metro Stations, Greek Parliament, Ministry of the Presidency, Hellenic Mint, more than 150 schools, COSMOTE Telecommunication company buildings, Public Electricity Generation Factories, Greek Refineries facilities, etc.

Shopping Centers: The Mall Athens, Golden Hall, Mediterranean Cosmos, Athens Metro Mall, River West, Attica City Link, Capitol Mall, etc.

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

Hotels: Ledra Marriott, Holliday Inn, Club Mediterranean, Mare Nostrum, Golden Coast, Grecotel, King George and in more than 80 hotels all over Greece.



SAFEDOOR FACTORY AT KALIVIA, ATTICA



HONORARY DISTINCTION OF INDUSTRIAL EXCELLENCE AT THE "MADE IN GREECE 2017" AWARDS



FIRE ROLLING SHUTTERS E/EW

SAFEROLL Fire Protection Rolling Shutters is an ideal and economical solution for fire compartmentalization in buildings with large openings, offering fire resistance index of 60 to 240 min. They are designed and manufactured by SAFEDOOR in accordance with EN 1634-1 and BS 476, Part 22 standards. They operate electrically and in case of fire they close automatically.



FIRE ROLLING SHUTTERS EI

SAFEROLL EI60 Fire Protection Rolling Shutters offer an excellent solution for the fire compartmentalization in large industrial buildings, especially ones hosting a dangerous, flammable environment. They are designed and manufactured by SAFEDOOR in accordance with EN 1634-1, Classification EI60. They operate electrically and in case of fire they close automatically.



FIRE CURTAINS E/EW

SAFECURTAIN Fire Curtains are an excellent alternative to conventional systems, for the fire compartmentalization of large openings up to 30 m, offering fire resistance index of 60 to 120 min.

They are designed and manufactured by SAFEDOOR in accordance with to EN 1634-1, BS 476, Part 22 and BS 7646, Part 3. If an escape route inside the fire curtain is required, a fire-safe escape opening (manhole), certified according to BS 476: Part 22 and BS 7346: part 3, is provided. The fire curtains can also be placed horizontally, separating ceilings, floors, patios, etc.



FIRE CURTAINS EI

SAFECURTAIN EI Fire Curtains offer the ultimate thermal insulation with the smallest possible volume due to their compact design. They are recommended for fire compartmentalization in areas with a flammable environment and are ideal for use in protected escape routes.

They are designed and manufactured by SAFEDOOR in accordance with EN 1634-1, Classification EI60.



FIRE DOORS

SAFEDOOR Fire Doors are steel doors that prevent the spread of fire and smoke up to 120'. They are designed and manufactured by SAFEDOOR in accordance with EN 1634-1, Classification EI60 and EI120.

Available:

- single-leaf – double-leaf
- sliding
- with round or square glazing
- with fire damper
- with wood panels
- closed type (shafts)



FIRE GLAZING

SAFEGLASS Fire Protection Glazing and glass doors offer fire resistance index of 30 to 120 min. They are made of steel profiles and fireproof glass and have been certified as a system. They are manufactured in by SAFEDOOR, according to the relevant specifications (E/EW/EI), depending on the type of steel profile and glass.



PASSIVE FIRE PROTECTION SEALS

SAFEDOOR, as the exclusive agent of the Italian company AF SYSTEMS, offers the ideal passive fire protection solutions for sealing pipe passages, cables, grates and air ducts. A wide range of products that cover all construction requirements is available, with EN 1366-3 and ETA certification.

CERTIFICATES

SAFEDOOR is the only company in Greece that has carried out fire resistance tests on fire roller shutters, fire curtains and doors, in accredited institutes and has more than 30 proprietary fire protection certificates that accompany its products.





HIGH RADIATION PROTECTION DOORS

SAFERAD doors are electrically operated doors, weighing approximately 2 tons, mainly intended for Radiotherapy Units with Linear Accelerators up to 25 MeV and are impenetrable by radiation of γ -rays, x-rays and neutrons. The shielding is done with lead sheets up to 50 mm, boronated polyethylene and other special materials. They have been approved by the competent Control and Licensing Directorate of the HELLENIC ATOMIC ENERGY COMMISSION, in all the buildings in which they have been installed.



RADIATION PROTECTION METAL DOORS

SAFEDOOR Radiation Protection Metal Doors are doors of heavy construction, opening or sliding, with 1-50 mm lead sheet, depending on the specifications, in the frame and the door leaf. They can have a lead glass observation window as well as any type of wood paneling. They operate manually or with an electric mechanism. They are used in Radiology Laboratories, Hospitals, γ -camera areas, CT scan areas, PET/CT areas etc..



RADIATION PROTECTION WINDOW

The Radiation Protection Windows allow safe observation of the radiation area. They include a metal case with a special configuration and lead shielding with thickness according to the specifications. The case is placed without radiation passageways. The glass pane (lead glass) is also shielded according to the specification of lead thickness required.



WOODEN RADIATION PROTECTION DOORS

These wooden doors, opening or sliding, are suitable for radiological laboratories and hospitals. Two surfaces of lead foil are incorporated into the door leaf, while the frame is made of steel with a corresponding internal lead lining. The external appearance of the door covers every aesthetic requirement.



HOT CELL

The SAFEDOOR nuclear medicine radiopharmaceutical processing center is suitable for receiving, processing and administering to patients, low or high radiation radiopharmaceuticals. It is made of stainless steel, and is shielded with lead up to 30 mm thick.



SHIELDED RADIOISOTOP WASTE BINS

SAFEDOOR shielded radioisotope waste bin is made of stainless steel, in square, ellipsoidal or circular shape, with a capacity of approximately 30 lt, shielded with 3 mm thick lead foil and weighing approximately 35 Kg. It is suitable for the temporary storage of radioactive waste.

The opening of the cover is done by pressing a pedal, with the assistance of a counterweight.



RADIOISOTOP STORAGE CRYPT

Radioisotope and radioactive waste storage crypts are metal boxes with lead shielding corresponding to specifications. These boxes are made of steel and include a metal radiation protection door.

Placed consecutively they can create a single array of closet-type crypts.

CERTIFICATES

Radiation protection doors and equipment are always inspected on sight, by the competent department.

SAFEDOOR's Radiation Protection doors have been certified by:

- 1) the National Centre of Scientific Research - "DEMOKRITOS"*
- 2) the competent Control and Licensing Directorate of the
HELLENIC ATOMIC ENERGY COMMISSION,*
- 3) Independent audit bodies.*





ANTI-VANDAL ROLLING SHUTTERS

The SAFEDOOR Anti-Vandal Rolling Shutter is a new, innovative product, which provides solution to the problem of shop theft and vandalism. It is a combination of fire protection rolling shutter and safety rolling shutter, with RC4 and RC6 certification.

It closes automatically - even without electrical power - in the event of:

- Fire detected or locally temperature rise
- Explosions or display case break or vibration
- The relevant sensors are broken or loosened
- By phone command



ARMORED SECURITY DOORS

Their construction is based on the construction form of fire protection doors with wooden linings. In addition, they have 11, 15 or 17 steel safety pins, stiffness reinforcements, sound insulation - thermal insulation, safety lock, automatic floor windbreak, and air sealing rubbers. They are offered in a classic or modern finish and with a wide range of accessories. They are RC4 and RC6 certified.



COMMON or INDUSTRIAL TYPE SAFETY ROLLING SHUTTERS

Security rolling shutters are suitable for shops, industrial or storage areas for basic security requirements. They are made of perforated, mesh or closed steel laths. They operate with an electric operator (lateral or tubular), with or without automation, based on international safety standards.



SAFETY GLAZING AND GLASS DOORS

SAFEDOOR Safety Glass Doors and Glazing are made of special high strength steel profile. They have the aesthetics of aluminum constructions, providing greater security. They are electrostatically painted in the full range of RAL colors or manufactured by stainless steel. Glass panels can be common, energy, anti-vandal or other type. The elegance of the constructions makes them suitable for places of high aesthetics such as Hotels, Offices, Museums, Exhibition Areas.



BULLET PROOF DOORS FB6

SAFEDOOR Bullet Proof Doors are manufactured according to EN 1522 and EN 1523 standards which define bulletproof constructions, offering the highest life and estate safety. They have been officially certified by the accredited test laboratory HDS, after tests with Kalashnikov, M80 and SS-109 rifles, and classified in the higher security class FB 6 NS.



BULLET PROOF ROLLING SHUTTER FB5 AND FB6

The SAFEDOOR Bullet Proof Rolling Shutter is a certified heavy-duty shutter, with closed-type double-walled steel laths and armor of a special bulletproof steel alloy. Suitable for:

Banks, embassies, remittance protection garages, VIP areas and generally in places where protection against acts of terrorism or armed robbery is necessary. The closing of the rolling shutter is carried out even if the electricity is interrupted.



GLAZING AND GLASS DOORS FB6

SAFEDOOR Bullet Proof Glazing and Glass Doors are manufactured according to EN 1522 and EN 1523 standards offering the superior FB6 certification. They are made of steel profiles with special alloy armor and 51 mm thick bulletproof glass panes. They are available fixed or openable.

CERTIFICATES

SAFEDOOR has carried out safety tests on doors and shutters and has RC4 and RC6 category certifications. It has also carried out anti-ballistic tests and has certifications for Bullet Proof Doors, Bullet Proof Rolling Shutters and Bullet Proof Glazing of class FB5 and FB6. It is noted that the FB6 class is the highest and covers projectiles of even more powerful rifles than the Kalashnikov





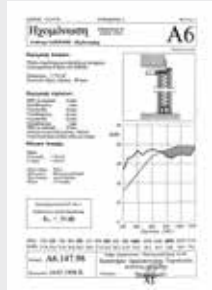
SOUND PROOF DOORS 54, 40 and 35 dB

SAFEDOOR Sound Proof Doors provide high sound insulation in an attractive package of functionality and aesthetics. They are ideal for use in professional studios, meeting rooms and music event venues.

They are available with wooden lining or metal finish, in three certified sound insulation levels of 54, 40 and 35 dB.

CERTIFICATES

SAFEDOOR has carried out Sound Insulation tests and has certifications for Weighted Sound Reduction Indexes (Rw) of 54 dB, 40 dB and 35 dB.



WIND LOAD DOORS

SAFEDOOR Wind Load Doors offer resistance to high winds and extreme conditions. They are made of double steel sheets with an inner frame of hollow beams, special construction hinges with stainless steel bearings and specially shaped frames with reinforcements.



FLOOR FIRE PROTECTION MANHOLES

SAFEDOOR Fire Protection Manholes are placed on the floor for the inspection and repair of E/M networks facilities. They have a fire resistance index of 120'. Their appearance can be perfectly harmonized with the appearance of the surrounding floor. They have been selected and installed in many stations at the Athens Metro. They have A15 certification according to the EN 124-1 standard.

MAIN PROJECTS



The European Center for Nuclear Research CERN in Switzerland chose SAFEDOOR for manufacturing its specialized fire barriers.

Specialized fire barriers for the CERN tunnel



ATHENS MALL - 97 STORES



GOLDEN HALL - 127 STORES



ATTIKO METRO - 15 STATIONS



ELECTRICAL - POWER PLANTS



ONCOLOGICAL CHILD HOSPITAL "ELPIDA"



HELEXPO MAROUSI



ATHENS & THESSALONIKI MEDICAL CENTER



NATIONAL MINT



ATHENS TOWER



EL. VENIZELOS AIRPORT



GREEK PARLIAMENT



OACA OLYMPIC INDOOR HALL



HELLENIC AEROSPACE INDUSTRY



GREEK REFINERIES



BARILLA PLANT



MORE THAN 20 HOSPITALS



MORE THAN 200 BANK BRANCHES



MORE THAN 80 HOTELS



COMMERCIAL



SUPER MARKETS



EFTYCHIDOU M.& E. PC

34th Km ATHENS-LAVRIOU AV. & 77 IFESTOU STR., KALIVIA ATTICA INDUSTRIAL PARK
P.C. 190 10, P.O. BOX 214 GREECE
TEL.: 22990 47800, FAX: 22990 47688, E-mail: info@safedoor.gr

www.safedoor.gr

