



INSULATED FIRE RESISTANT ROLLER SHUTTER

E240  



PRO
DOOR  **NS100**
SYSTEMS

ProDoorSystems is a Turkey based designer and manufacturer of fire-resistant insulated roller shutter doors. We are manufacturing a wide range of innovative commercial, domestic, industrial insulated fire rated roller shutter doors offering up to E240, all third-party tested and approved.

ProDoorSystems NS100 model of insulated fire rated roller shutter (E240) is manufactured using double-skinned 100mm steel flat slat, filled with rock wool to provide heat, sound and fire insulation with galvanized end locks riveted to the slats maintain profile/curtain alignment and prevent wear. An emergency hand chain can be provided in the event of electrical or mechanical failure. The insulated fire rated roller shutter operation is available with an extensive range of control options.

These shutters are designed to automatically activate your door in the event of fire. Once the door is in the closed position, this prevents the fire from passing throughout the building, allowing occupants to safely evacuate. Although this door is specifically designed for fire rated openings, it also provides security and access control for use in openings that are not part of a required means of egress.

In the event of a fire, ProDoorSystems insulated fire rated shutters are used as a structural barrier in full height openings to compartmentalize the building and prevent the spread of fire. Receiving sign of fire from building alarm system, the shutter drops at a safe and reliable rate of speed.

ProDoorSystems insulated fire shutter contains mineral rock wool which helps control climate and reduce sound transmission. This door is ideal for a climate-controlled environment because it helps maintain a different temperature on the interior and exterior of the door. The curtain infill insulation considerably reduces the risk of combustible materials igniting on the unexposed side when compared to single-skinned fire shutters. The clear and reliable choice for building owners and designers who demand the highest level of life safety and fire protection. Mechanically, fusible-link options are available for openings that are not in a pedestrian thoroughfare and where electrical activation is not desired.

Moreover, these doors which operate electrically or manually and can be tailored to meet your size requirements, offer the benefits of security and protection from the elements. Polyester powder coat in a range of standard RAL colors is available on request.

Certificate

Insulated Fire Rated Roller Shutter (E240)
Certificate No: EEA-2200-0034 dated 22.07.2022

Performance Characteristics:

Resistance to Fire : EN 1634-1:2014 + A1 :2008, rated E240 Classified according to EN 13501-2 :2016
Extended application of test results according to EN 15269-10:2011

Accreditations

EN 1634-1:2014+A1:2018 Fire resistance

Ideal Uses

Application in indoor / outdoor for Industrial buildings, Loading Bays, Warehouses, Factories, Hospitals, Large commercial buildings, Airports, Canteens, Restaurants, Shopping mall, Car parks, Department stores and Fire explosion hazardous environments, Other areas where a high level of security is required as well as a high degree of insulation.

Technical support will be provided to the construction site after order confirmation.

Maximum Sizes
12,000 mm wide x 8,000 mm high

(Please contact us to discuss if there is a requirement beyond these dimensions)