

E 120 – Automatic Sliding Glazed Fire Door [FSD 120] – Powder Coated

Application – Heavy Duty

Material - Galvanized steel

Type – Automatic sliding glazed fire door

Standard & certification:

Providing and fixing of Hormann fire rated automatic sliding door FSD 120 (E) with dormakaba operator ES 200 easy/std - Type F, as per IS16947 / ISO 834-1 for stability and integrity. Pressed galvanized steel conforming to IS 277 with the following specification. Automatic glazed sliding door shall be tested for maximum rating of 120mins as a complete assembly. Assessment reports shall be provided for side partitions. Proper label confirming the type of door and the hourly rating is mandatory.

Slider

Frames and side partitions shall be single rebate frame profile of size 125 x 55mm made out of 1.60mm (16gauge) minimum thick galvanized steel sheet. Sliding door leaf shall be fully glazed with minimum 60 x 85mm profile step box section for taking glass element with minimum 1.2mm (18gauge) minimum thick galvanized steel sheet. Door frames shall be with back plate bracket and anchor fasteners for installation on a finished plastered masonry wall opening. Supports and studs required for mounting the system from top shall be included as per design requirement. Sliding door leaf shall be fully glazed with minimum 60 x 85mm profile step box section for taking glass element with minimum 1.2mm (18gauge) minimum thick galvanized steel sheet.

Operator:

The operator shall be type tested for fire rating with dormakaba ES 200 Easy/Std - Type F, compliant with European standards and produced according to the guidelines for power-operated doors, BGR 232, the UVV and the VDE regulations. SS hinges to connect the main profile with cover profile. Control unit, Self-learning, with adjustable parameters for opening and closing speed, Class of protection IP 20. Activators- dormakaba Motion Safe Combination Radar System (02 Nos), Program Switch with Key. Max Panel Weight Carrying Capacity of Easy 2 X 100 Kgs & Standard 2 x 160 respectively. The system shall have constant power supply 230V+ 5%, 50Hz, AC.

Glass & Glazing:

The glass should fire rated minimum 10mm thick Pyran-S, non-wired for 120 minutes stability, integrity with light transmission of minimum 92% as per EN1363 and EN1364. Glass shall have an impact resistance of 1C1 as per EN 12600.

Finish:

All doors and frames shall be finished Pure Polyester Powder coated and shall have passed minimum 500 hours of salt spray test.