

Fire rated rolling shutter IS / BS 120 minutes

Application – Internal / External

Material – Galvanized steel

Standard & certification:

Providing and fixing of single skin fire rated rolling shutter FRS120 as per IS3614 Part-1 and tested to ISO 834-1 or BS 476 Part 22. Slats shall be made from galvanized steel 0.8/1.2 mm (22/18 gauge) as per IS 277 of size 109 mm of approved make Hormann. Rolling shutter shall be certifiere labeled and approved for fire rating for 120minutes, stability and integrity.

Fire Rated Rolling shutter:

Construction of the slats shall be of 0.8/1.2 mm thick GI sheet forming to the door height, the bottom edge of the door shall be 100 mm bar fabricated from 50 mm X 50 mm X 5 mm thick Steel angle, the side guides will be 3 mm thick single piece GI guide rail for superior stretch. The shutter box shall be Welded standard steel pipe with double flange steel shafts supported by enclosed bearings. Box cover shall be minimum 0.8 mm thick steel box casing cover and side guides painted in soft grey color.

Operator & control panel

Motor capacity shall be 1hp for size upto 5000 mm x 5000 mm, and 3hp for sizes above 5000 mm x 5000 mm. Connecting volt shall be 220Volt 50Hz 1 phase up to 5000 mm x 5000 mm, and 415V 50Hz 3 phase for bigger sizes. One-unit Push Button Switch (Up, Stop, Down), IP 65. Current rating will be 5 Amp for sizes less than 5000 mm x 5000 mm, 9 Amp for more than 5000 mm x 5000 mm size. The fusible link shall be 24V solenoid release. Vendor should supply 16A, 3 pin, industrial male socket with 1Mtr cable along with controller.

Paint Finish:

Rolling shutter finish shall be Galvanized and painted in RAL 9002 outside and soft grey from inside.

Space requirement:

Minimum head room shall be 700 mm to 1000 mm based on door sizes, including motor side 200 mm and bearing side 150 mm.