

FIRE RATED METAL GLAZED DOOR INSULATED

SPECIFICATIONS

Supply of Pacific Make Metal Glazed doors of 120minutes fire rating made of GI/GPSP sheet confirming to IS 277 with the following specification. Frame shall be made out of 1.60mm thick sheet pressed to form a profile of 60 mm x 60 mm. Door shutter 50mm thick conforming to EN 1363-1:2012, EN 1363-2:1999, EN 1634-1:2014, as per prototype tested from Efectis France for (EW 120 and EI20). Shutter have a top rail, lock rail and side rail 85mm x 50mm and a bottom rail of 110 mm x 50 mm. The sections have a special insulating infill with rock wool 96kg/M3. The glass should be 14mm clear 120 min fire rated with 20 minutes insulation (EW 120 and EI 20) Non Wired Toughened Inter-layered glass with a light transmission of 86% and a sound reduction of 37 dB and manufactured in UL & TUV audited Facility and including UL-EU Certification. The glass shall be able to withstand fire attack from both sides. The glass should be compliant to class 2(B)2 category of Impact Resistance as per EN 12600. The glass should be held in its place with the help of beading of appropriate size, made out of 20 gauge GI/GPSP sheet with the help of fire resistant sealant including applying approved colour powder coating minimum 50micron etc. shutter fixed with stainless steel ball bearing hinges(to be paid separately) 100x75x3mm of approved make. The maximum glazing size should be not more than 1100 mm x 2200 mm (w x h) or 2.42 sq mt in total area or as per the test certificate complete all as per direction of Engineer- incharge



ESTABLISHED IN 1987



**INDIA'S LEADING
FIRE-RATED DOORS
MANUFACTURER**