

Fire Rated Doors

TECHNICAL SPECIFICATION

ITEMS	TYPES OF DOORS
	Fire Rated Doors (2 Hours)
Door Leaves	Constructed from 0.0012m (18SWG) thick Skin pass Galvanized Iron sheet (Conform to IS 277) or from 0.0008m (22 SWG) thick Skin pass Galvanized Iron Sheet (Conform to IS 277)
Thickness	0.046m
In-Fill	Rockwool/Mineral Wool/ Honeycomb Kraft Paper
Door Frames	Constructed from 0.0016m (12 SWG) thick Skin pass galvanized Iron sheet (Conform to IS 277) or from 0.0012m (18 SWG) thick Skin pass Galvanized Iron sheet (Conform to IS 277) formed to single or double rebate profile of size
Profile Dimensions	0.143m X 0.058m (+/- 0.03m)
Bending radius	0.0014m
Vision Glass	
Material	0.005m thick clear/wired glass Circular or Rectangular
Shape	
Rectangular Dimensions	0.2m X 0.3m
Coating	The door frames and door shutters are primed with Zinc-Phosphate Stoving Primer and finished with Polyurethane Aliphatic grade or epoxy paint as required
Powder Coating Material	Epoxy Polyester / Pure Polyester / Polyurethane
Powder Coating Thickness	60 – 65 Microns (Dry film Thickness)
Accessories	
<i>Hinges</i>	
Material	Stainless Steel Ball Bearing Butt Hinges
Dimension	0.102m X 0.076m
Thickness	0.003m
Lock	Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, Mortise Latch, Panic Devices etc. can be provided as required
<i>Flush Bolts (Double Doors)</i>	Concealed extended lever action flush bolts provided on the top of the door to the leading stile edge
<i>Door Closers</i>	Doors are made suitable to receive a large variety of door closers