

# BASIC ARCH PRODUCTS PVT. LTD

## SPECIFICATION SHEET

**FIRE DOORS (180 Minutes) ARAI APPROVED**

(BS476 (PART 20 & 22) IS 3614

### MATERIAL

Door Frames and Leaves are made form Galvanized Steel.

### DOOR LEAVES

Constructed from 0.80 mm thick galvanized steel sheet formed to provide a 46 mm thick fully flush, double skin door shell with lock seam joints at stile edges. Internal Reinforcements are provided at top, Bottom and Stile Edges for Fire Rating. The internal construction of the door is a specially designed Mineral Wool Insulation with reinforcements at top, bottom and stile surrounds. The internal construction of the door varies with the degree of Fire Rating as tested.

### DOOR FRAMES

Produced from 1.25 MM thick galvanized steel sheet formed to double rebate profile of size 140 mm X 35 mm (+/- 0.3mm) with a maximum bending radius of 1.4mm.

The door frames may be built into the brick or block walls using corrugated "TEE" Anchors not welded to the frame (first fix). Frames may also be fixed on plastered openings with the help of Metallic Expansion Shield with counter sunk screw (second fix). Door Frames are supplied to knock-down form with butt joints for bolted assembly at site.

### VISION GLASS

Fire Rated Vision Glass with 6mm thick clear glass can be provided for a maximum of 2 hours fire rating. The Vision Glass can be provided in 380mm Dia, Rectangular in standard dimensions of 200mm X 300mm.

### FINISH

The door frames and door shutters are primed with Zinc-Phosphate Stoving Primer and finished with Polyurethane Aliphatic grade or epoxy paint as required.

## IRONMONGERY

### HINGES

Stainless Steel Ball Bearing Butt Hinges 2.5 mm thick fixed flush to the frame and shutter (Profile 101x75x 3.0 mm thick)

### LOCK

Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, Mortise Latch, Panic Devices etc can be provided as required.

### FLUSH BOLTS (DOUBLE DOOR)

Concealed extended lever action flush bolts provided on the top of the door to the leading stile edge.

### DOOR CLOSERS

Doors are made suitable to receive a large variety of Door Closers.

### OPTIONS

Exit, Electro Magnetic Hold Open Device, Door Coordinator, Smoke Seals for Air tightness, Automatic Door Bottoms etc., can be provided if required.