



**Fire Rated Steel Doors**

**Fire Rated Access Panels**

**Fire Rated Wooden Doors**

📍 47632 Sharjah - Industrial Area 13 - U.A.E.

☎ +971 6 538 55 72 📠 +971 6 538 40 45

✉ info@alosoouuae.com 🌐 www.alosoouuae.com



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*Access Panel with Flush Pull and Deadlock*



*Access Panel with Budget Lock*



*Access Panel with Gypsum Cladding*



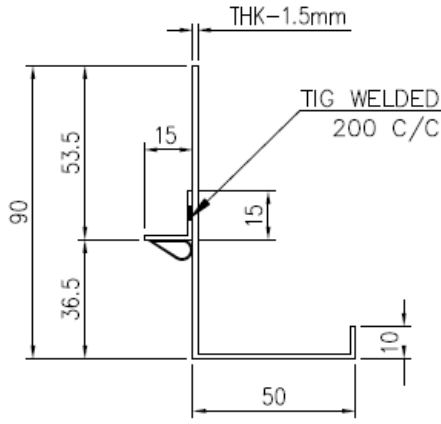
*Access Panel with Flush Pull*

**Specifications**

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets and other special designs to suit with site requirements
<b>Materials</b>	Cold rolled galvanized steel sheet conform to ASTM or equivalent standard
<b>Door Thickness/Gauge</b>	15 to 35 mm thick door with skin thickness 1.5, 1.2mm
<b>Core Or Insulation</b>	ROCKWOOL
<b>Application</b>	Vertical- Wall
<b>Frame Gauge</b>	1.5 ,1.2mm
<b>Ironmongery</b>	Tested and Certified as per BS 476 PART22-20 standard
<b>Fire Rating</b>	Up to 180 minutes
<b>Test Standard</b>	BS 476 part20-22
<b>Certification</b>	INTERTEK, BM TRADA VENTURES, CIVIL DEFENCE
<b>Finish</b>	Powder coated/ Wood finish/ Tiles/Gypsum

**3.3.3. Specimen Nr.5 and 6: Access panel-A - Open towards furnace and away from furnace**

**3.3.3.1. Frame**

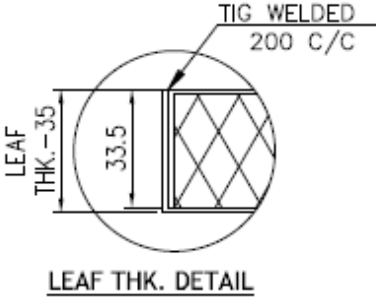
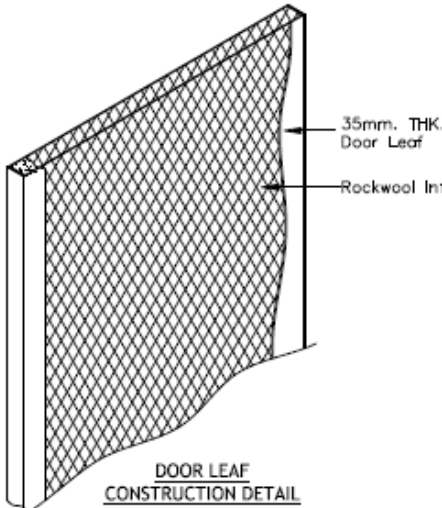
<b>Overall</b>	
Material	Stainless Steel
Dimensions	697 x 697 x 90 x 50 mm (w x h x Bx depth)
Jamb to Header Joint	Jam and header pieces are tack welded on face and corner by Tig welding
Fixing Method	4 pcs M10 x 72 mm anchor bolts (2pcs per jamb) at 150 mm from top and bottom edges of jamb and balance spaced equally.
<b>Frame Section Details</b>	
	
<b>Door &amp; Frame Hinge Reinforcement</b>	
Material	Galvanized Steel
Dimension	144 x 28 x 3.8 mm (l x w x t)
Quantity	2 nos
Fixing Method	Tack welded on the edges to the back of the frame.
<b>Mortar Guard for Hinges</b>	
Material	Galvanized Steel
Dimension	155 x 30 x 12 x 1.5 mm (l x w x h x t)
Quantity	2 nos
Fixing Method	Tack welded on both ends to the back of the frame.
<b>Anchor Bolt</b>	
Material	Steel
Manufacturer	Fimex
Dimension	Bolt= M5 x 72 mm (dia. x l), Shell=10 x 72 mm (dia x l)
Quantity	4 nos
Application	Fixing of test specimen to the test wall.

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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**3.3.3.2. Leaf**


<b>Overall</b>	
Description	stainless steel door set
Dimension	591 x 594 x 35 mm (w x h x thk.)
Skin Thickness	1.5 mm stainless steel 300 series
Edge Construction	Box tray type without top and bottom channel. With Lid and pan. Tack welded at a distance of 200C/C
Core	Rockwool 90 kg/m <sup>3</sup>
 <p><b>LEAF THK. DETAIL</b></p>	
<b>Core</b>	
Material	Rockwool
Manufacturer	Fujairah Rockwool
Thickness	32 mm
Density	90 kg/m <sup>3</sup>
Fixing method	Cut to size and filled in between the lid and pan of door leaf
 <p><b>DOOR LEAF CONSTRUCTION DETAIL</b></p>	

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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**3.3.3.3. Accessories**

<b>Hinges</b>	
Material	Stainless Steel self-closing spring hinges
Manufacturer	D&D (Design and Development)
Reference	DDSS033
Dimensions	102 x 76 x 3.0 mm (w x h x t)
Quantity	2 nos
Fixing method	Screwed to the frame and door leaf with machine screws.
<b>Lockset</b>	
Material	steel
Manufacturer	Euro art
Reference	DSB460SSS- Budget lock
Backset	35 mm
Quantity	1No – Single point
Forend plate	Stainless Steel 31mm x 47 mm (wxl)
Fixing method	Mechanism is screwed to the door leaf.
	
<b>Pull Handle</b>	
Material	Stainless Steel
Manufacturer	Local
Size	Diameter 10 x 136 mm
Fixing method	Mechanism is screwed to the door leaf.
<b>Perimeter seal</b>	
Manufacturer	Lorient
Reference	LAS 1046
Fixing method	Self-adhesive type stick to the frame

See Figure 7-8 for details.

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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