

# TECHNICAL DATA SHEET

## ( CLASSIC ACCESS DOOR WITH VALVE KEY LOCK )



### PRODUCT DESCRIPTION

An access panel is a door, that can be easily removed to provide access to a shut-off valve, drain or other plumbing part to which you need occasional access for maintenance. Inspection hatch consists of frame, hatch and mounting clips. The door opens and closes with key according to the design. Suitable to install in minimum wall thickness of 12.5mm.

### MATERIAL USED

GP Sheet Sheet is Galvanized Plain Sheet which is manufactured by Zinc - coating on CR Sheet.

### KEY FEATURES

High Durability, Powder Coated, Long Service Life, Corrosion Resistance, Mat Black Finish

### APPLICATIONS

Access doors are used for access/Maintenance/Cleaning to different points in walls ceilings, Roofs Ducts, Jacuzzis, Bathroom plumbing, Floor space and storage etc.

### DIMENSIONS

| Sr. No. | DESCRIPTION | MATERIAL | Length<br>(±1mm) | Width<br>(±1mm) | Frame<br>Height<br>(±1mm) | Thickness<br>(±0.05mm) | Frame<br>Border<br>(±1mm) |
|---------|-------------|----------|------------------|-----------------|---------------------------|------------------------|---------------------------|
| 1       | 150 x 150   | GP Sheet | 150              | 150             | 30                        | 0.70                   | 15                        |
| 2       | 200 x 200   | GP Sheet | 200              | 200             | 30                        | 0.70                   | 15                        |
| 3       | 300 x 300   | GP Sheet | 300              | 300             | 30                        | 0.70                   | 15                        |
| 4       | 400 x 400   | GP Sheet | 400              | 400             | 30                        | 0.70                   | 15                        |
| 5       | 500 x 500   | GP Sheet | 500              | 500             | 30                        | 0.70                   | 15                        |
| 6       | 600 x 600   | GP Sheet | 600              | 600             | 30                        | 0.70                   | 15                        |
| 7       | 300 x 150   | GP Sheet | 300              | 150             | 30                        | 0.70                   | 15                        |
| 8       | 400 x 150   | GP Sheet | 400              | 150             | 30                        | 0.70                   | 15                        |

- NOTE :** 1. Frame and Hatch are joined with POP Revit.  
2. Any kind of Lock is provided according to the requirement of the customer.

### Coating thickness (mm)

- 1) Zinc Coating – 0.010 – 0.015
- 2) Powder Coating – 75 – 85 microns.

### PHYSICAL & CHEMICAL COMPOSITION

| Chemical Composition | CAS No.   | % Weight |
|----------------------|-----------|----------|
| ■ Carbon             | 7440-44-0 | 0.030    |
| ■ Chromium           | 7440-47-3 | 0.0082   |
| ■ Iron               | 7439-89-6 | 99.57    |
| ■ Manganese          | 7439-96-5 | 0.244    |
| ■ Phosphorus         | 7723-14-0 | 0.015    |
| ■ Silicon            | 7440-21-3 | 0.022    |
| ■ Sulphur            | 7704-34-9 | 0.0034   |
| ■ Nickel             | 7440-02-0 | 0.0071   |
| ■ Molybdenum         | 7439-98-7 | 0.0029   |
| ■ Aluminium          | 7429-90-5 | 0.040    |
| ■ Cobalt             | 7440-48-4 | 0.0031   |
| ■ Copper             | 7440-50-8 | 0.0063   |
| ■ Niobium            | 7440-03-1 | 0.0071   |
| ■ Titanium           | 7440-32-6 | 0.0011   |
| ■ Vanadium           | 7440-62-2 | 0.0008   |
| ■ Tungsten           | 7440-33-7 | 0.0071   |
| ■ Tin                | 7440-31-5 | 0.0018   |
| ■ Nitrogen           | 7727-37-9 | 0.0073   |
| ■ Arsenic            | 7440-38-2 | 0.0016   |
| ■ Boron              | 7440-42-8 | 0.0003   |
| ■ Cerium             | 7440-45-1 | 0.023    |
| ■ Lead               | 7439-92-1 | 0.0030   |
| ■ Magnesium          | 7439-95-4 | 0.0003   |
| ■ Calcium            | 7440-70-2 | 0.0012   |

### PHYSICAL PROPERTIES

|                             |   |     |
|-----------------------------|---|-----|
| ■ Density g/cm <sup>3</sup> | : | 7.7 |
| ■ Hardness Vickers (HV1)    | : | 180 |

### STORAGE RECOMEDATION

Store in a cool well-ventilated place in original packing. Open packing while going to be used.

### NOTE

- Product is in compliance with substance of Very High Concern (SVHC) i.e. ≤ 0.1 %w/w as per the candidate list promulgated by the European Chemicals Agency (ECHA) which are defined in Article 57 of REACH Regulation (EC1907/2006) checked by Tuv-Nord Group.