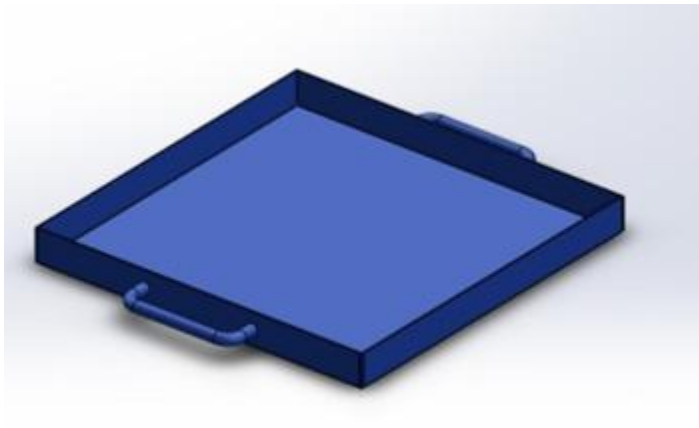


PRODUCT DATA SHEET

Sandling Tray with Handle

Product Code: FC-P002



1. General Information

Parameter	Details
Equipment Name	Sandling Tray with Handle
Product Code	FC-S16-40
Application	Handling, containing and transporting sand and other granular materials
Tray Type	Fabricated Metal Tray
Material	Mild Steel (MS) Sheet / GI Sheet
Construction	Welded fabricated construction
Finish	Plain / Painted / Powder Coated

2. Tray Specifications

Parameter	Details
Overall Dimensions (L x W x H)	400 x 400 x 50 mm
Sheet Thickness	3 mm
Tray Material	Mild Steel (MS) / GI Sheet
Side Wall Height	50 mm
Handle	2 Nos. - Optional
Approx. Weight	To be determined based on material and final fabrication

Parameter	Details
Surface Finish	Plain / Painted / Powder Coated

3. Main Components

Component	Qty.	Dimensions (L x W x T)	Material	Remarks
Base Plate	1	400 x 400 x 5 mm	MS	Welded to side walls
Long Side Wall	2	400x 40 x 5 mm	MS	Welded to base, opposite sides
Short Side Wall	2	400 x 40 x 5 mm	MS	Welded between long side walls
Handle	2	Approx. 80 x 20 x 3 mm	MS	Optional; welded to opposite sides

4. Construction Details

- Fabricated from 3 mm thick mild-steel sheet or GI sheet.
- Base plate and side walls are accurately cut to the specified dimensions.
- Side walls are securely welded to the base plate.
- Corners are maintained square during fabrication.
- Optional handles are welded on two opposite sides for convenient handling.
- All exposed edges are suitably ground and finished to remove sharp edges and burrs.

5. Fabrication Process

Cutting

Base plate and side-wall sections are cut according to the specified dimensions.

Edge Preparation

All cut edges are cleaned and ground to remove burrs and sharp projections.

Assembly

Side walls are positioned accurately on the base plate, ensuring proper alignment and square corners.

Welding

Fillet welds are applied along the required joints between the base and side walls. Additional corner reinforcement may be provided where required.

Finishing

Welded areas are cleaned and ground smooth. The finished tray may be supplied in plain, painted, or powder-coated condition.

6. Optional Features

- Two welded carrying handles
- Drain holes for liquid drainage
- Reinforcement ribs for heavy-duty applications

- Powder-coated protective finish
- Customized dimensions
- Customized material and thickness

7. Surface Finish & Durability

- Smooth and burr-free exposed edges
- Welded joints suitable for normal handling applications
- Corrosion protection available through painting or powder coating
- GI sheet construction available for improved corrosion resistance

8. Application Areas

The Sandling Tray can be used for:

- Sand and aggregate handling
- Construction material handling
- Concrete and material testing laboratories
- Precast concrete plants
- Civil engineering laboratories
- General industrial material handling

9. Quality & Fabrication Notes

- Dimensions are nominal and subject to final fabrication tolerances.
- Final dimensions shall be verified after fabrication.
- Weld quality shall be inspected to ensure secure attachment of the side walls and handles.
- All sharp edges shall be removed before delivery.
- Protective coating is recommended for MS construction to minimize corrosion.
- Specifications are subject to change based on customer requirements.