



CAST IRON SURFACE PLATES

As Per IS : 2285-2003

SIZES

mm/ Inches

250 x 250

300 x 300/12"x12"

300 x 450/12"x18"

400 x 400

450 x 450/18"x18"

400 x 630

450 x 600/18"x24"

630 x 630/24"x24"

750 x 600

900 x 600/24"x36"

1000 x 630

900 x 900/36"x36"

1000 x 1000

1200 x 600

1200 x 900/36"x48"

1200 x 1200/48"x48"

1600 x 1000

2000 x 1000

1800 x 1200

1500 x 1500

2000 x 1500

2500 x 1500

2000 x 2000

3000 x 1000

3000 x 1500

3000 x 2000

4000 x 1000

5000 x 1000

- We offer a qualitative range of precision Cast Iron Surface Plate. These cast iron surface plates provide an accurate reference or datum plane for precision gauging, marking, inspection and tooling setup.

- Cast iron surface plates are made of good quality close grain cast iron as per IS-210:1993 conforming to grade FG-220.

- The meticulous manufacturing processes that are carried out at our premises make these surface plates apt for machine shops, quality control, and standard rooms.

- Our precision cast iron surface plates are used in the application where strict accuracy is required hence, these plates are appropriate for high precision work and are ideal for blue matching.

- Our surface plates are amply ribbed to ensure minimum deflection under load.

- Our team of qualified engineers carries out rigorous quality control inspection to test these surface plates as per IS-2285:2003 for flatness, repeatability, durability etc. The final inspection of surface plate is undertaken by a high precision computerized electronic level, WYLER SWISS make.

Maximum deviation from flatness over the entire area expressed in Microns as per IS 2285 – 2003

Some of the unique features of cast iron surface plates are:

- Our castings are stress relieved either by natural aging or by artificial seasoning.

- We also provide rexine cover for top surface protection.

- We offer fabricated stand with leveling screws . The overall working height of surface plate with stand and leveling screw will be 900 mm (approx), from floor level.Option for vibration pads to reduce vibration is also available.

- We provide computerized calibration certificate traceable to National Physical Laboratory (NPL, Government of India) New Delhi along with each surface plate.

- We also have an In-House NABL accredited Laboratory.

** All Surface plates are provided with Rexin Cover*

Other Sizes on Request



GRANITE SURFACE PLATES

As Per IS : 7327-2003

| Sizes (mm) | <p>Granite surface plates are manufactured using natural black granite stone, quarried from earth in its natural form. These plates are precision lapped to high standards of flatness to achieve accuracy and are used as bases for mounting sophisticated mechanical, electronic and optical gauging systems. Our quality inspectors and engineers put a strict vigilance at all the stages of the production procedure to ensure high quality plates. Further, the final inspection is carried out by a High Precision Computerized Electronic Level made by WYLER OF SWITZERLAND. Our range of Granite surface plates are utilized in Precision tool rooms, Engineering industries and Research laboratories.</p> <p>Some of the unique features of our range of plates are:</p> <ul style="list-style-type: none"> • Uniformity in Hardness • Accurate under load conditions • Vibration absorbent • Easy to clean • Rust-proof ,Non-corrosive • Thermal stability • Wrap resistant • Low porosity • Non-abrasive ,non-magnetic <p>These advantages make black granite surface plates inherently stable and unmatched against any other material.</p> <p>These plates are supplied with computerized calibration certificate traceable to National Physical Laboratory (NPL, Govt Of India) New Delhi .</p> <p>Rexin covers are provided with each surface plate for protection of top surface .</p> <p>We provide fabricated stand with levelling screws on request by our clients. The overall working height of surface plates with stand and levelling screw will be 900 MM (approx) from floor level.</p> |
|----------------------|---|
| 300 x 300 x 50 | |
| 400 x 400 x 63 | |
| 450 x 450 x 63 | |
| 630 x 400 x 80 | |
| 630 x 630 x 80 | |
| 900 x 600 x 100 | |
| 1000 x 630 x 150 | |
| 900 x 900 x 100 | |
| 1000 x 1000 x 150 | |
| 1200 x 900 x 150 | |
| 1200 x 1200 x 150 | |
| 1600 x 1000 x 200 | |
| 2000 x 1000 x 200 | |
| 1500 x 1500 x 200 | |
| 2000 x 1500 x 200 | |
| 2500 x 1500 x 200 | |
| 2000 x 2000 x 250 | |
| 3000 x 1000 x 250 | |
| 3000 x 1500 x 250 | |
| 3000 x 2000 x 300 | |
| 4000 x 1000 x 250 | |
| 5000 x 1000 x 300 | |

** All Surface plates are provided with Rexin Cover*

Other Sizes on Request