



D400 ductile iron manhole cover h638_186

Watertight manhole cover h638_186 in GJS-500-7 ductile iron, class D400. Dimensions: 110 x 110 cm.

The **D400 h638_186 ductile iron manhole cover** is a high-resistance crowning device designed for installation in areas subject to heavy loads. Made of **GJS-500-7 ductile iron** in accordance with the EN 1563 standard, it guarantees a breaking load exceeding **400kN**. The structure consists of a square frame optimized for anchoring to the foundation via perimeter flanges and holes for anchor bolts, and a cover equipped with anti-slip embossments. A distinctive technical feature is the **internal "U" seat**, which allows sealing the manhole against unpleasant odors by filling it with sand or similar materials. The precision of the beveled corners ensures a unique and stable insertion of the cover into the frame.

Technical features

- **Material:** GJS-500-7 ductile iron (EN 1563)
- **External dimensions:** 1100 x 1100 mm
- **Clear opening:** 1000 x 1000 mm
- **Height:** 80 mm
- **Weight:** 145 kg
- **Load class:** D400 (Breaking load > 400kN)
- **Company Certification:** ISO 9001:2015
- **Surface:** Anti-slip embossments for water runoff

Frame Construction Details

- Continuous perimeter flange for maximum support base
- Beveled corners for easy anchoring and holes for anchor bolts
- Reinforcement ribs for structural stability
- "U" seat for odor tightness

Cover Construction Details

- Closed-bottom slots for lifting keys
- Maximum interlocking depth to prevent oscillations
- Area dedicated for customization of logos or text
- Beveled corner for unique positioning
- Dimensional identifier expressed in cm

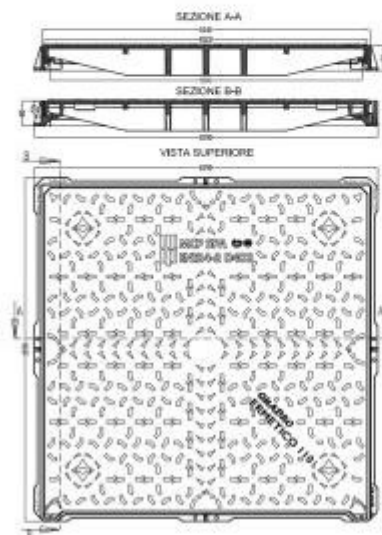
** Images are purely indicative*

INFORMATION

- Material manhole covers ghisa
- manhole_dimensions 1100 x 1100 mm



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