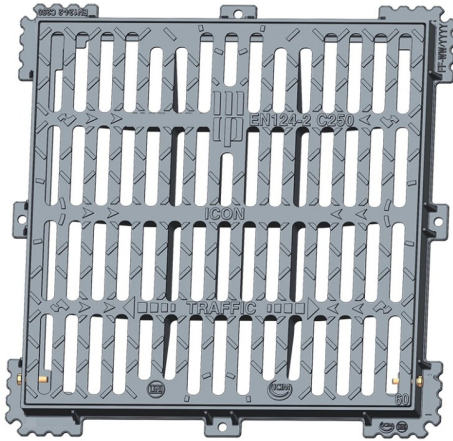




Ductile iron flat gully top 600x600mm h638_168

Ductile iron manhole cover with flat surface, square frame and cover, suitable for loads up to class C250. External dimensions: 600x600 mm. Height: 50 mm.

The **h638_168 manhole cover** is made of **GJS 500-7 ductile iron** and complies with the **UNI EN 124** standard, load class **C250**. It consists of a **square frame** and a **flat square cover**, designed to integrate perfectly into the road pavement. The frame is equipped with a **shaped perimeter flange**, which allows for better anchoring to the foundation, and **reinforcement ribs** that ensure greater strength.

The **grating** features a **locking system**, unlockable with a generic lever, **with elastic appendages** that snap into the frame lugs, guaranteeing stability and safety. It also includes **hinge holes** and provision for an **optional siphon**, not included and available upon request. Everything is completed by **anti-slip embossments**, fundamental for safety in urban areas.

Choose the h638_168 manhole cover for a resistant and safe coverage, compliant with regulations for loads up to class C250.

Technical characteristics:

- **External dimensions:** 600 x 600 mm
- **Passage dimensions:** 490 x 490 mm
- **Clear opening:** 500 x 500 mm
- **Overall height:** 50 mm
- **Waterway area:** 11.13 dm²
- **Total weight:** 27 kg
- **Frame weight:** 6.5 kg
- **Cover weight:** 20.5 kg
- **Frame shape:** square
- **Cover shape:** square
- **Material:** ductile iron GJS 500-7 – EN 1563
- **Surface:** flat
- **Locking:** anti-theft
- **Hinge:** included
- **Load class:** C250
- **Reference standards:** UNI EN 124, DPR 503/96
- **Provision for siphon:** yes, optional (not included)
- **Frame:** equipped with an adequate external perimeter flange, continuous on four sides, appropriately shaped and rounded at the corners to obtain a larger support base and allow better anchoring to the foundation also by means of holes/slots useful for fixing with anchor bolts; reinforcement ribs; lugs appropriately shaped on the internal edge to lock the grating's closing system; holes for grating hinging; internal tabs prepared at the four corners for the housing of an optional siphon (siphon not included and available separately, subject to quotation)
- **Grating:** parallel slots arranged in two or more rows; locking system, unlockable with a generic lever, consisting of appropriately shaped elastic appendages that snap into the lugs on the frame; holes for hinging to the frame; pair of nuts and bolts appropriately inserted in the special holes to allow the grating to be hinged to the frame and prevent theft and/or tampering; identification detail of the external dimensions of the frame expressed in cm; anti-slip embossments

User benefits:

- **Certified robustness:** GJS 500-7 ductile iron structure compliant with EN standards.
- **Functional design:** flat surface with anti-slip embossments for increased safety.
- **Effective locking system:** closure with elastic appendages and lugs to prevent tampering.
- **Simplified maintenance:** provision for siphon (not included) and components with hinge holes.
- **Versatility of use:** suitable for areas with medium-heavy traffic thanks to class C250.

FAQ:

1. **Is the manhole cover compliant with the UNI EN 124 standard?**
Yes, it is manufactured according to the latest edition of UNI EN 124 for class C250.
2. **Is the material suitable for intensive urban use?**
Certainly, ductile iron guarantees high resistance and durability over time.
3. **What are the actual passage measurements?**
The clear opening is 500x500 mm, with an internal passage of 490x490 mm.
4. **Does the product include accessories such as the siphon?**
No, the siphon is not included but can be requested separately, subject to quotation.
5. **How is anti-slip safety guaranteed?**
The cover is equipped with anti-slip embossments that improve grip in all conditions.

Mini buying guide:

The **h638_168 road manhole cover** is the ideal choice for urban contexts, secondary roads, parking lots, and industrial areas with medium loads. Thanks to the **solid ductile iron construction**, the **secure locking**, and the possibility of adding an **optional siphon**, it represents an excellent solution for those looking for **durability, safety, and functionality** in a single product.

600x600 iron manhole cover, C250 UNI EN 124 manhole cover, Square cover for gully top, Ductile iron manhole cover, Flat surface manhole cover, Driveable urban manhole cover, Manhole cover with anti-slip embossments, Cast iron road cover, Square iron grating EN124, Manhole cover prepared for siphon.

**Images for illustrative purposes only.*

INFORMATION

- **Length in millimetres** 600.000000
- **Depth in millimetres** 600.000000
- **Height in millimetres** 50.000000

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