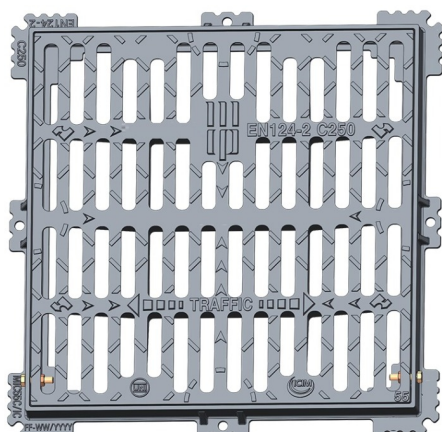




Flat gully grate ductile iron 550x550mm h638_167

Flat gully grate in ductile iron GJS 500-7 – EN 1563, with non-slip surface. External dimensions: 550x550 mm. Height: 45 mm. Load class C250.

The **flat gully grate h638_167** is designed to ensure safety, efficiency, and durability in high-traffic urban settings. Made of **ductile iron GJS-500-7**, complying with **UNI EN 124 standard** – class **C250**, it is ideal for carriageways with moderate traffic such as parking lots, roadsides, and squares.

The **flat surface** with **non-slip embossments** ensures pedestrian safety, while the **square frame structure** with **reinforcing ribs** and **shaped external perimeter flange** guarantees excellent stability and effective anchoring to the foundation. The cover is hinged with a **hinge** and **anti-theft locking**, to prevent accidental opening or tampering.

The grate, equipped with **parallel slots** in two or more rows, is easily inspectable and designed for the **insertion of a trap**, not included and available for purchase separately upon request. The system is designed to allow a high **drainage capacity** of **9.00 dm²**, making the gully grate highly functional even in adverse weather conditions.

Choose the **flat gully grate h638_167**: a safe and durable solution for rainwater collection in urban environments.

Technical features:

- **External dimensions:** 550 x 550 mm
- **Clear opening:** 450 x 450 mm
- **Overall height:** 45 mm
- **Material:** ductile iron GJS-500-7
- **Total weight:** 23 kg
- **Frame weight:** 6 kg
- **Cover weight:** 17 kg
- **Surface:** flat
- **Frame and cover shape:** square
- **Load class:** C250
- **Useful drainage:** 9.00 dm²
- **Locking:** anti-theft
- **Hinge:** included
- **Trap arrangement:** yes (not included, available for purchase separately upon quotation)
- **Frame:** equipped with a suitable external perimeter flange, continuous on the four sides, properly shaped and chamfered at the corners to obtain a larger bearing base and allow better anchoring to the foundation also through holes/slots useful for fixing with anchor bolts; reinforcing ribs; lugs appropriately shaped on the internal edge for locking the grate closing system; holes for the articulation of the grate; internal flanges prepared at the four corners for housing an optional trap (trap not included and available for purchase separately, subject to quotation)
- **Grate:** parallel slots arranged in two or more rows; closing system, unlockable with a generic lever, formed by appropriately shaped elastic appendages that fit into the lugs on the frame; holes for articulation to the frame; pair of nuts and bolts appropriately inserted in the special holes to allow the articulation of the grate to the frame and prevent theft and/or tampering; identification detail of the external dimensions of the frame expressed in cm; non-slip embossments

- **Compliance:** EN 124, EN 1563, DPR 503/96

User benefits:

- **Maximum safety:** thanks to the anti-theft locking.
- **Non-slip surface:** with embossments specifically designed for pedestrian safety.
- **Solid structure:** reinforced frame with perimeter flange for stable installation.
- **High drainage efficiency:** 9 dm² useful drainage.
- **Trap arrangement (not included):** with dedicated internal housing.

FAQ:

1. **What is the load class of the gully grate?**
The gully grate is classified C250 according to the UNI EN 124 standard.
2. **Is the trap included in the supply?**
No, the gully grate is prepared for the trap, but this is available for purchase separately and upon quotation.
3. **Is the gully grate equipped with a hinge for opening?**
Yes, the grate is hinged to the frame to facilitate inspection and maintenance.
4. **What are the main functional features of the gully grate?**
The gully grate features a flat surface with non-slip embossments and a grate equipped with parallel slots to ensure effective rainwater runoff.
5. **Can it be installed in pedestrian or vehicular areas?**
It is suitable for carriageways with moderate traffic, such as parking lots or secondary roads.

Mini buying guide:

When choosing a road gully grate, it is essential to evaluate the **load class**, the **drainage capacity**, and the **security of the locking system**. The **model h638_167** combines these features with a compact and resistant structure, designed to last over time and withstand daily wear. The trap arrangement (not included) and the integrated anti-theft locking make it a versatile choice for municipalities, businesses, and urban planners.

Flat iron gully grate, 550x550 road gully grate, Rainwater collection grate, C250 driveway gully grate, Gully grate compliant with UNI EN 124, Square grate gully, Siphonable ductile iron gully grate, Lockable gully grate for urban areas, Non-slip gully grate for public spaces.

**Images for illustrative purposes only.*

INFORMATION

- **Length in millimetres** 550.000000
- **Depth in millimetres** 550.000000
- **Height in millimetres** 45.000000

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