

## Harmer Roof Drainage - The Cast Iron Range



Medium Sump Outlets



Large Sump Outlets



The high quality Cast Iron Roof Outlet range, featuring medium sump and large sump bodies, two-way outlets and an extensive range of loadbearing grates.

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Harmer Cast Iron Roof outlets provide a practical solution to many building drainage applications. Inherently strong, cast iron is an ideal choice for load-bearing applications.

**Applications**

- The medium sump range is a compact outlet body in vertical and horizontal variations
- The large sump range provides a deeper sump for 100 and 150mm vertical pipe
- Two way outlet is suitable for use in a parapet wall construction
- Provide flat roof drainage for warm, cold and inverted roofs
- For flat roof structures with insitu cast concrete, timber or lightweight metal deck construction
- Ideal for use with copper and lead clad roofs where the risk of bi-metallic corrosion is high
- Load bearing applications where rainwater outlets are exposed to vehicular traffic Ideal for connection to continuous water

**Performance**

- The Harmer cast iron range is cast to BS EN 1561 and are suitable for most types of flat roof drainage
- Designated load rating up to 12.5 tonnes
- Medium and large sump outlet bodies are available with varying flow rate capacity
- Cast iron has a proven track record for its longevity over the lifetime of the building
- Cast Iron is 100% recyclable

**Materials & Finishes**

- The crystallised nature of cast iron gives the material very high strength and robustness
- Once installed cast iron components resist impact damage even in exposed areas
- All Harmer cast iron clamps and grates are surface treated using a sherardizing zinc coating which provides an extremely hard wearing anti corrosive finish
- Domical grates are made from UK-stable poly-propylene to give long life service
- Two way outlet rectangular grate available in sherardized cast iron, nickel bronze or mill finish aluminium. Aluminium grates can be polyester powder coated upon request
- The outlet flanges only have a primer coating, so the contractor/installer should protect or coat it during installation