



# Manhole Covers Ireland

**We cover everything!**

**Portland, Lorrha, Nenagh, Co. Tipperary E45 DH99.**

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## **KING D400 V Shape Grating & Square Frame**



**Inspection manhole cover in Spheroidal cast iron EN- GJS-500-7 conforming to norm **UNI EN 1563:2004** with load bearing capacity over 400 kN (40 tons), conforming to the load class D400 as set out by norm EN 124-2 2015.**

| Product Code   | Overall Size  | Clear Opening | Frame Height | Waterway Area       | 3rd Party Certification |
|----------------|---------------|---------------|--------------|---------------------|-------------------------|
| MH-GF-D-V6060  | 813 x 813mm   | 600 x 600mm   | 145mm        | 2300cm <sup>2</sup> | Yes                     |
| MH-GF-D-V12060 | 813 x 1403mm  | 1200 x 600mm  | 145mm        | 4520cm <sup>2</sup> | Yes                     |
| MH-GF-D-V9090  | 1103 x 1103mm | 900 x 900mm   | 145mm        | 4520cm <sup>2</sup> | Yes                     |

Sub-Category: D400 Multi-Tri Manhole Covers for use in highways and commercial/industrial areas.

Material Grade/s: Spheroid Graphite Iron Grade EN-GJS-500-7 to BS EN 1563:1997.

Temporary Bitumen-based paint coating to BS 3416.

Load Rating Classification: D400 (40 tonnes)

Features: - 3<sup>rd</sup> Party Certified to EN124-2 2015

(copy certificate available upon request)

- Integral lifting key holes (available separately).

- Optional 'locking' version (ask for details)

- Any badging available on Request.

- Compliant with Design Requirements of HA104/02

- The covers are interchangeable, the upper surface is designed to be antiskid to EN124-1:2012,8.4, to allow the complete flow of runoff water and avoid the creation of ice.

### **INTENDED USE**

Group 4 – minimum Class D400. For use in areas where cars and lorries have access, including carriageways, hard shoulders and pedestrian areas. (See norm EN 124 group 4). THE CHOICE OF THE CORRESPONDENT PRODUCT IS PART OF THE RESPONSIBILITY OF THE PROJECT ENGINEER. The National Roads Authority Design Manual for Roads and Bridges also recommends the use of class E600 for large traffic volumes (in excess of 1,500 vehicles) per day on national roads. IF IN DOUBT, WE SUGGEST TO CHOOSE THE SUPERIOR CLASS OF PRODUCTS.