



# Manhole Covers Ireland

**We cover everything!**

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## **Derry Range D400 Cover & Frame**



Optional Extra's

Badging FW, AV and SW VENTED with 10mm Holes



**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 124:94.**

**GROUP 4**



Product Code	Overall Size	Clear Opening	Frame Height	Waterway	Certification
MH-D-3030	400 x 400mm	300 x 300mm	80mm	N/A	SGS
MH-D-4343	548 x 548mm	437 x 437mm	80mm	N/A	SGS
MH-D-5050	600 x 600mm	500 x 500mm	80mm	N/A	SGS
MH-D-6060	705 x 705mm	600 x 600mm	80mm	N/A	SGS
MH-D-6868	800 x 800mm	680 x 680mm	80mm	N/A	SGS
MH-D-9090	1006 x 1006mm	900 x 900mm	80mm	N/A	SGS
MH-D-100100	1150 x 1150mm	1000 x 1000mm	80mm	N/A	SGS
MH-D-108108	1203 x 1203mm	1080 x 1080mm	102mm	N/A	SGS

### **FRAME**

It is realized from a single cast without gasket, whose stability is guaranteed through a metal to metal coupling. The outside edge is realized in the shape of a channel in order to obtain a system of hydraulic closure if it comes filled up with sand, tar or other materials. Externally, the outside border is flanged to optimise its hold in the cement and the insertion of the anchoring bolts.

### **COVER**

It comes square in shape, it guarantees a good stability thanks to the height of the border and insertion depth not less than 50 mm, it comes with 2 dead holes, which allows the insertion of a suitable handle to lift the cover (supplied on request). All the covers are interchangeable. The upper surface is non-skid and has been designed to allow the complete flow of water and avoid the formation 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.

### **TREATMENT**

The manhole cover has a protective coating of black paint.