



# Manhole Covers Ireland

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**430 x 370 D400 Locked Grating and 100H Frame**



**Inspection manhole cover in Spheroidal cast iron with load bearing capacity over 400 kN + 10% (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-4337-LKD	584 x 458mm	434 x 374mm	100mm	1080cm <sup>2</sup>	BSI KITEMARK

**Manufactures Name** = ISTIKAMET

**Manufactures Code** = ID2218

**Features:** - 3<sup>rd</sup> Party Certified to BS EN124-2 2015 (copy certificate available upon request)

**Material Grade/s:** Spheroid Graphite Iron Grade EN-GJS-500-7 to BS EN 1563:2012. Bitumen-based paint coating to BS 3416.

Basic Dimensions: MH-GF-D-4337-LKD

**Clear Opening** = 434mm x 374mm

**Overall size** = 584mm x 458mm **Depth** = 100mm

**Waterway Area:** = 1080cm<sup>2</sup>

**Load Rating Classification:** D400 (40 tonnes)

- Captive hinge design to deter thieves
- 3-Sided Flange for installation against kerbs
- "Taper-Lock" Grating design to ensure non-rocking
- Can be reversed Hinged

**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.