



# Manhole Covers Ireland

**We cover everything!**

**MHCI House, Lowpark, Charlestown, Co. Mayo, Ireland.**

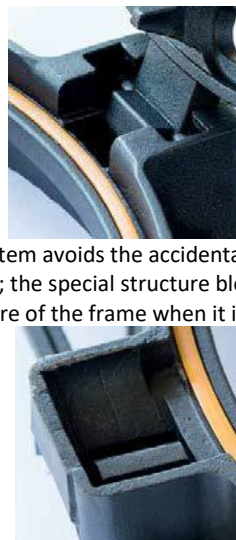
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## **LISA D400 Round Grating & Square Frame**



**Automatic Locking**



The articulated system avoids the accidental extract of the grate when it is closed; the special structure blocks the accidental closure of the frame when it is open.

The closure system with elastic bars assures the grate's safe in its frame, improving the stability and softness. At the same time it makes more difficult thefts, burglary and acts of vandalism.

Product Code	Overall Size	Clear Opening	Frame Height	Waterway Area	Certification
MH-GF-GHR85	850mm RD	610mm	100mm	1130cm <sup>2</sup>	IGQ
MH-GF-GHK85	850 x 850mm	610mm	100mm	1130cm <sup>2</sup>	IGQ

### **FRAME**

Flat grating series with square frame and round cover complying with the standard EN 124 and with the product certification's mark IGQ and conformity's mark UNI. The grating is provided with huge flow slits, anti-slip floor area. It has a polyethylene gasket placed inside, in order to increase the stability and eliminate any rocking or noise. Furthermore, the hinge seatings of the cover have been cast. Externally, the outside border is flanged to optimise its hold in the cement and the insertion of the anchoring bolts.

### **GRATING**

It is circular in shape, it is hinged to the frame with top opening of 110°, It has a Safety feature against accidental closure at 90° and at 90° the covers can be removed from the frame. It guarantees a high stability thanks to self-centring guides placed under the cover with double stops. The upper surface is designed to be non-skid. The Cover is Lockable by two elastic appendices.

### **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.