



Manhole Covers Ireland

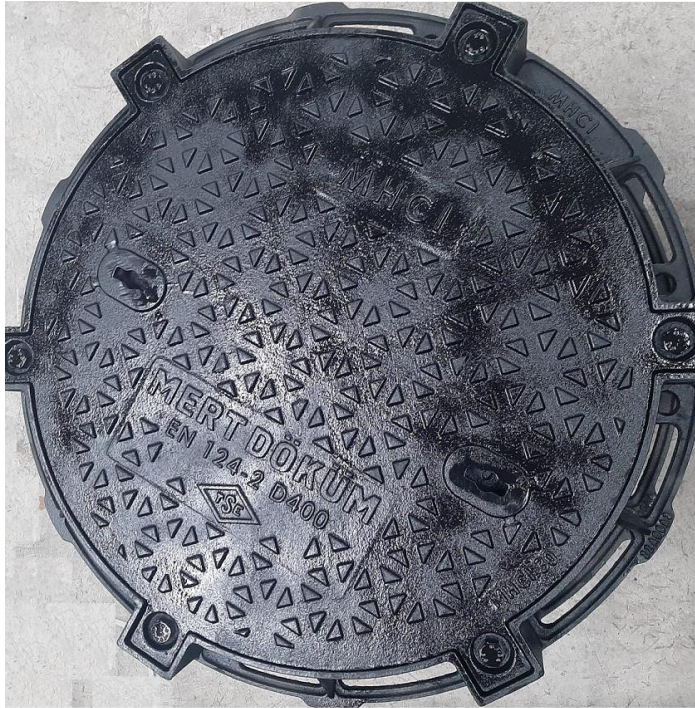
We cover everything!

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Gladiator Watertight 2 BAR D400 Cover & 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.

GROUP 4



Product Code	Overall Size	Clear Opening	Frame Height	Waterway Area	3rd Party Certification
MH-D- GLADIATOR	850mm	610mm	100mm	N/A	Yes

FRAME

The Frame is Round in Shape. It is obtained from a single cast, its stability is guaranteed through a double throat supporting area, creating a metal to metal coupling thanks to the interposition of an EPDM gasket, this is studied to obtain a watertight/waterproof sealing. Lid and frame hold back water, supporting pressure of up to 2 bar.

COVER

It is Round in shape, it ensures a high stability due to the depth of insertion over 50 mm, the EPDM gasket inserted in the throat, which is located in the supporting area, and the locking system with 6no stainless steel Bolts. The opening process is obtained through the insertion of specific handles in the blind holes of the surface.

Bolts have absolutely to be tightened with a torque of 150 Nm.

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

This manhole cover presents a standard black protective coating.