



Manhole Covers Ireland

We cover everything!

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RIO R1 600mm D400 Cover and 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 124:94.

GROUP 4



Product Code	Clear Opening	Overall Size	Frame Height	Waterway Area	Certification
MH-D-R1	600mm	820mm	100mm	N/A	ICIM
MH-D-R2	600mm	820 x 820mm	100mm	N/A	ICIM

Access cover and frame in ductile cast Iron GJS 500-7 according to EN 1563 standard, complying with EN 124:1994 - D400 class load capacity, ultimate load >400 kN. Accredited third party certification Mark IGQ (Italian Institute for Quality Guarantee).

Access cover and frame Particularly suitable for the installation on sewerage network under pressure: the gasket between the frame and the cover guarantees the control of smells escape.

Circular hinged cover, self-centering into the frame, secured by an elastic bar. With anti-slip surface, and anti-water stag-nation system. Closed hole gripping point allowing an easy opening with a pick or common tool. Cover opening angle is over 100°. Special system at 90° avoids accidental closure. To close the cover lift it of about 20 mm then slide it into the frame.

Round frame with continuous outer edge, reinforced with ribs, provided with shape holes for an easy settle in the concrete and provided with an appropriate seat for a EPDM rubber gasket shore 85 A to avoid noise and leak of any bad smells.

Painting: Black water based, non-toxic and non-polluting paint.

Options: Marking on cover / Antitheft system

Manufactures Code: **ECOPER 850 T (S182085) = MH-D-R1 / ECOPER 850 Q (S181085) = MH-D-R2**

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.