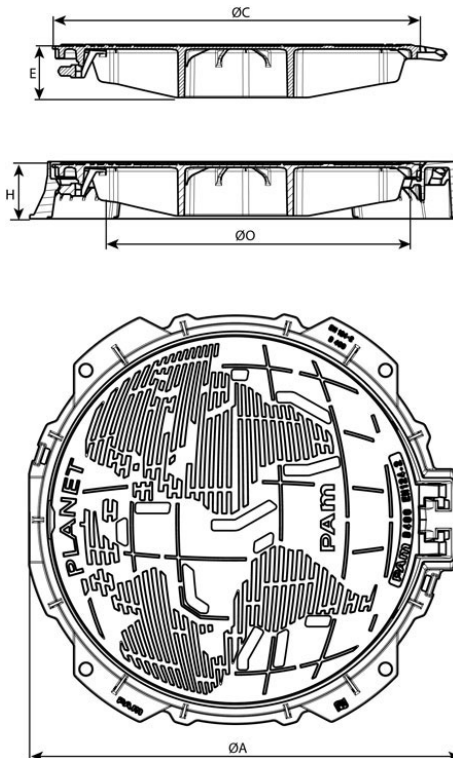


Manhole Cover PLANET Class D400 Round frame Ø 785 - Ventilated



A (mm)	C (mm)	O (mm)	H (mm)	E (mm)	Frame bearing pressure	Total Mass (kg)	Cover mass (kg)	Packaging	References
785	643	608	100	93	6.78 N/mm ²	45.97	26.5	10	CDPL60BA





Material and coating:

- Frame and cover in Ductile Iron EN GJS 400-15: water base coating
- [Ring in PE](#)

Field of application:

- Group 4 (class D 400) in accordance with EN124-2 standard: areas bearing low traffic conditions, predominantly defined as private cars passing at restricted speed, typical conditions met in housing areas
- Periodic inspection and visit of sewer mains

Main characteristics:

Cover

- [Automatic locking by ductile iron spring bar](#)
- Unlocking by means of crow bar or pick axe, manual lifting
- Ventilated or not
- Hinged cover, opens to 110°, blocks at 90° when closing
- [Optional cover anti-theft spline, compatible with 90° blocking](#)
- Badging: exclusively generic markings such as e.g. “sewers”, “water”, “rain water”, etc...

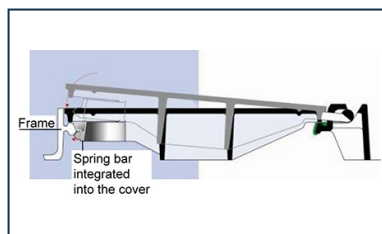
Frame bedding

- Reduced frame width logically increases its bearing pressure on chamber top, when submitted to load.
- It is key to ensure that the frame is completely seated on the chamber top, without any cantilever. If necessary, a spare concrete ring can be used between chamber top and frame to improve its seating.
- Frame bedding must be achieved with Class CPA 500 concrete, or with quick setting mortars featuring a minimum resistance to compression of 50 MPa.

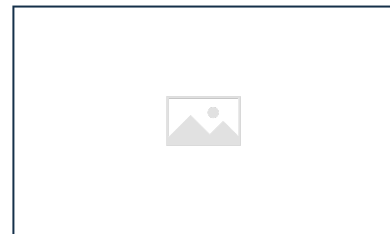
Linked products



Polyethylene ring



Manhole covers - Locking of the cover by spring bar



Cover anti theft spline - PLANET / REXESS2



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