

ROUND MANHOLE COVER

SERIES PROGRESS

C250 and D400

12.110



Product description

- Round manhole cover series PROGRESS
- Water based black painting

Installation location

- Class C250 - For gully tops, installed in the area of kerbside channels of roads which when measured from the kerb edge, extends a maximum of 0,5 m into the carriageway and a maximum of 0,2 m into the pedestrian area
- Class D400 - Carriageways of roads (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles
- Heavy/normal traffic zone and periodic visits

Standards

- Designed according to EN 124-1/2

Certifications

- Certificate Certif "D400" DDA - 003/2024

Features

- Ductile cast iron cover and frame (EN-GJS-500-7) with water based black painting
- Cover with non-slip raised pattern according to EN 124-1 designed to allow quick and easy installation
- Simple hinged manhole with a simple opening at 110° and a safety 90° blocking device
- Removing the cover and setting it vertically on the frame
- Automatic closure-locking system by way of a ductile iron elastic bar, incorporated in the cover
- Frame prepared to install the anti-theft system
- Hinge system with self-cleaning system
- The cover have a local to install an additional security lock. This lock may be conventional or inviolable and can be installed at any moment
- Elastic seating which assures the cover perfectly fits the frame and also gives stability and silent operating even in high traffic intensity
- Stability conferred by the 6 guides in the cover for centrally positioned and stability in the frame, while minimizing the movement of the cover relative to the frame, ensures the horizontal and vertical stability of the set
- Personalization of the cover with inscriptions and logo in high relief with minimal quantities.



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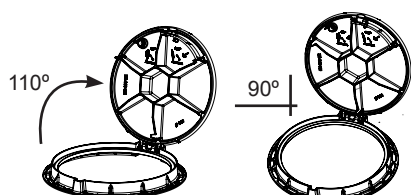
12.110



Model with 75 mm height frame

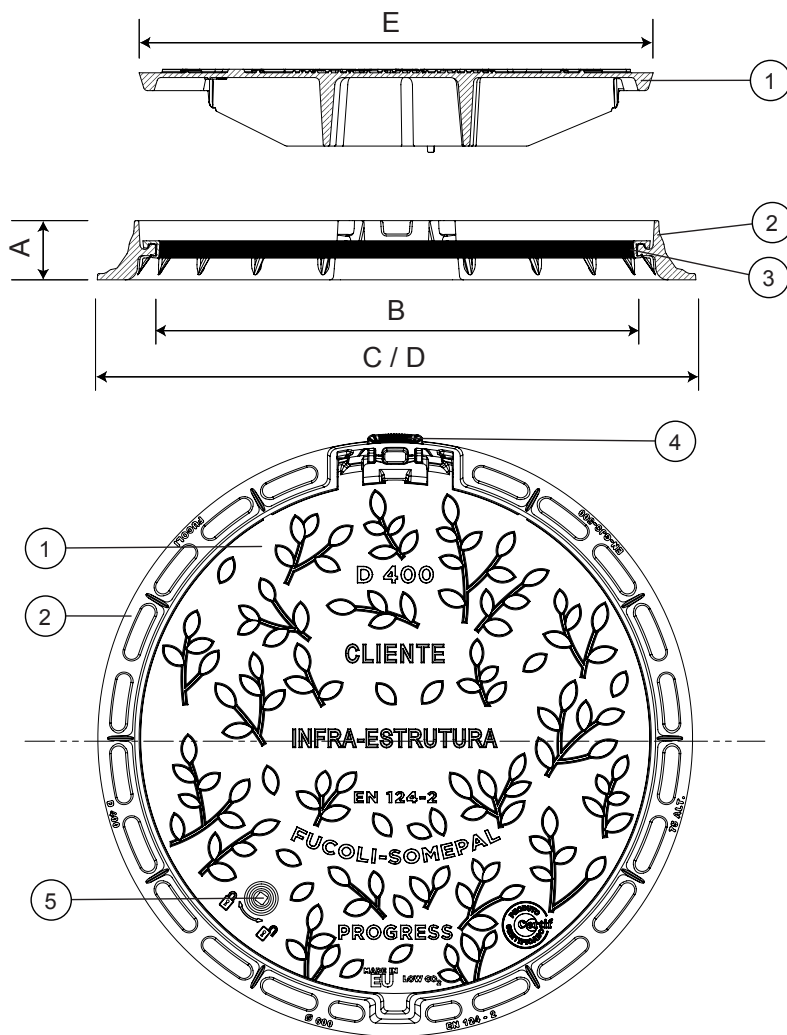


Model with 100 mm height frame



Maximum opening at 110°

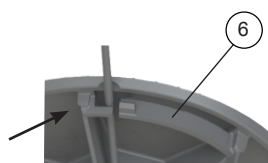
Safety 90° blocking



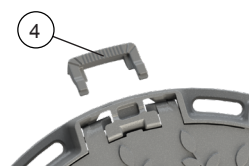
Product features



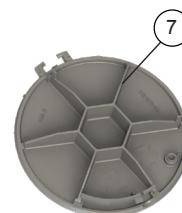
System to open the cover



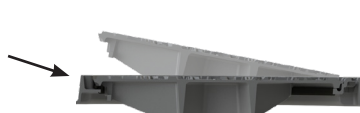
System to unlock and open the cover



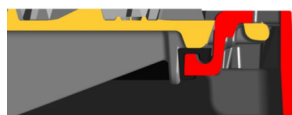
Anti-theft system [A-R]



Stability conferred by the 6 guides of the cover



Closing and blocking system



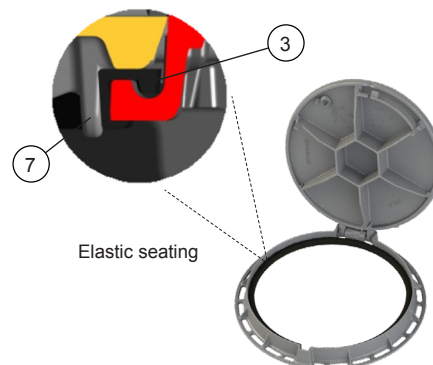
Self-cleaning detail of hinge system



Conventional additional security lock [F-S]



Inviolable additional security lock [F-S-I]



Elastic seating

continued on next page

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Component list

pos.	components	material	standard
1	Cover	Ductile iron EN-GJS-500-7	EN 1563
2	Frame	Ductile iron EN-GJS-500-7	EN 1563
3	Elastic seating anti-noise	EVA copolymer	-
4	Anti-theft system [A-R]	Ductile iron EN-GJS-500-7	EN 1563
5	Conventional security lock	Steel Zinc plated 8.8	-
6	Elastic arm	Ductile iron EN-GJS-500-7	EN 1563
7	Guide of the cover	Ductile iron EN-GJS-500-7	EN 1563

Reference and dimensions

Subtitle:
 Lock - Conical closing system
 [F-S] - Conventional security lock
 [F-S-I] - Inviolable security lock
 [A-R] - Anti-theft system

DN - Class - Model	code	Lock	[F-S]	[F-S-I]	[A-R]	Frame				Cover	Weight	
						height mm A	clear opening mm B	ø external mm C	ø ext. with stone-bolt mm D	ø external mm E	Cover kg approx.	Total kg approx.
600 - D400 75 Altura	24B1CI4Aafbzzzz00EE	•				75	600	765	765	650	33	50
600 - D400 75 Altura	24B1CI4Aafbzzzz00GE	•	•			75	600	765	765	650	33	50
600 - D400 75 Altura	24B1CI4Aafbzzzz00HE	•		•		75	600	765	765	650	33	50
600 - D400 75 Altura	24B1CI4Aafbzzzz00IE	•			•	75	600	765	765	650	33	50
600 - D400 75 Altura	24B1CI4Aafbzzzz00JE	•	•		•	75	600	765	765	650	33	50
600 - D400 75 Altura	24B1CI4Aafbzzzz00KE	•		•	•	75	600	765	765	650	33	50
600 - D400 100 Altura	24B1CI4AAibzzzz00EE	•				100	600	850	850	650	33	55
600 - D400 100 Altura	24B1CI4AAibzzzz00GE	•	•			100	600	850	850	650	33	55
600 - D400 100 Altura	24B1CI4AAibzzzz00HE	•		•		100	600	850	850	650	33	55
600 - D400 100 Altura	24B1CI4AAibzzzz00IE	•			•	100	600	850	850	650	33	55
600 - D400 100 Altura	24B1CI4AAibzzzz00JE	•	•		•	100	600	850	850	650	33	55
600 - D400 100 Altura	24B1CI4AAibzzzz00KE	•		•	•	100	600	850	850	650	33	55
600 - C250 75 Altura	24B1CI3Aafbzzzz00EE	•				75	600	765	765	650	33	-
600 - C250 75 Altura	24B1CI3Aafbzzzz00GE	•	•			75	600	765	765	650	33	-
600 - C250 75 Altura	24B1CI3Aafbzzzz00HE	•		•		75	600	765	765	650	33	-
600 - C250 75 Altura	24B1CI3Aafbzzzz00IE	•			•	75	600	765	765	650	33	-
600 - C250 75 Altura	24B1CI3Aafbzzzz00JE	•	•		•	75	600	765	765	650	33	-
600 - C250 75 Altura	24B1CI3Aafbzzzz00KE	•		•	•	75	600	765	765	650	33	-



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