

ROUND MANHOLE COVER SERIES EIXO E DOBRADIÇA C250 and D400

12.100



Product description

- Round manhole cover series EIXO E DOBRADIÇA
- 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

Standards

- Designed according to EN 124-1/2

Certifications

- Certificate Certif "D400" DDA - 010/2025
- Certificate Certif "Intense Traffic" DDA - 006/2025

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
- Hinge system with self-cleaning system, simply opening of the manhole at 120° and safety 90° blocking system. Fit and remove is making through moving the cover to 90° and lift clear.
- Innovative system of conical closing that due to the ramped design, both frame and lock, the cover closes automatically with its own weight or the weight of the first vehicle which passes over. Also allowing the gradual adjustment of the lock with the conical cavity for it in the frame maintaining the absence of glitches. Locking system which allows that the manhole cover can be opened by the inside. If necessary, the lock can be easily replaced, since it's an independent piece
- Elastomer-coated lock to ensure silent operation
- Frame prepared to install the anti-theft 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 operation 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.



600 - D400



Fucoli-Somepal
FUNDAÇÃO DE FERRO, S.A.

Visit our website at www.fucoli-somepal.pt

Head office: Estrada de Coselhas, 3000-125 Coimbra – Portugal | Tel.: (+351) 239 490100

Branch office: Rua de Aveiro 50, 3050-420 Pampilhosa – Portugal | Tel.: (+351) 239 490100 | comercial@fucoli-somepal.pt

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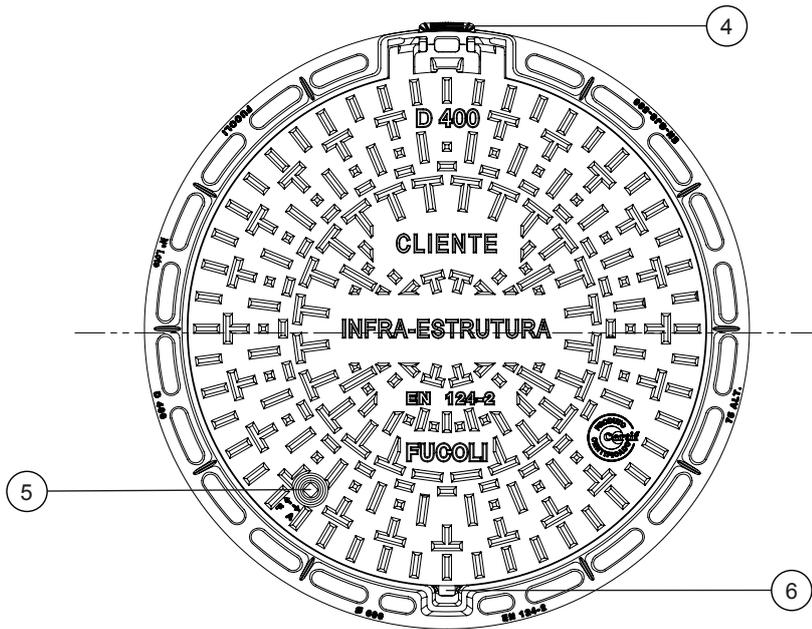
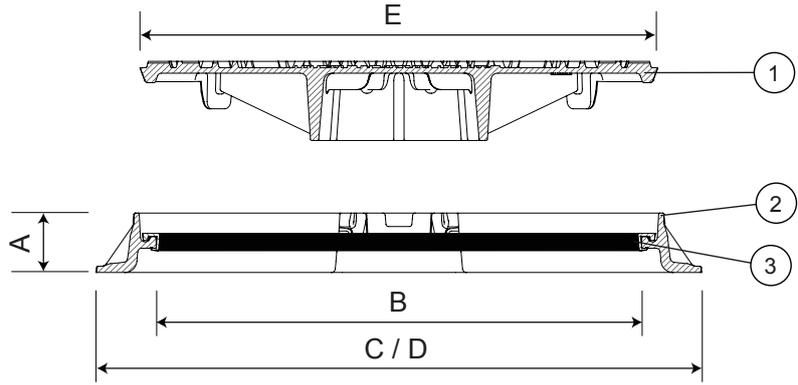
Model with 75 mm height frame



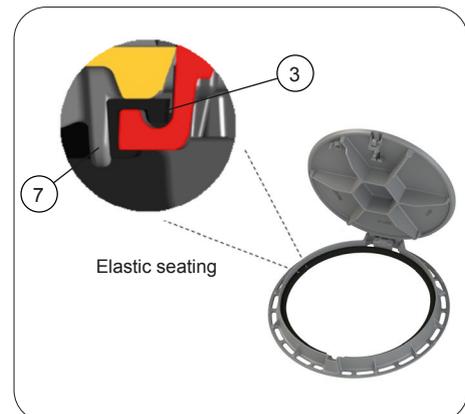
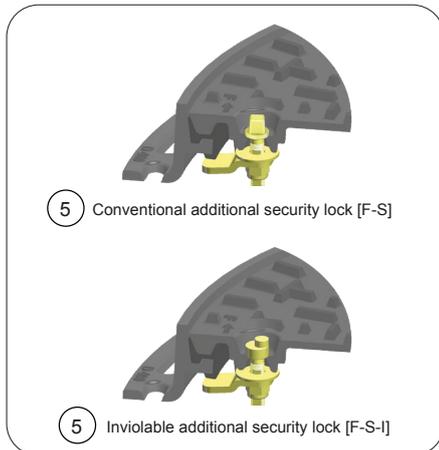
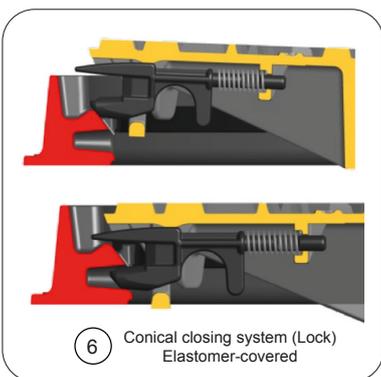
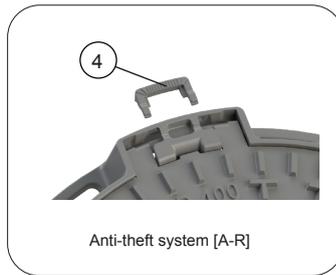
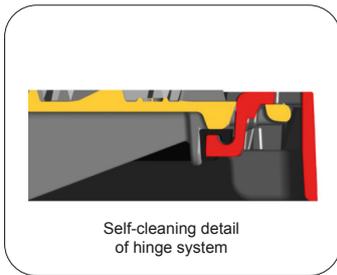
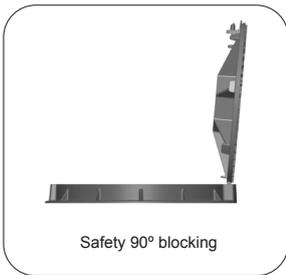
Model with 100 mm height frame



Series Águas do Porto



Product features



continued on next page

All the drawing, technical data, dimensions and weights are not binding. Subject to change. The components may be replaced by equivalent or higher materials without prior notice.

Ed.8 Rev. 7 2/3

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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	Lock	Ductile iron EN-GJS-500-7	EN 1563
7	Lock covering	Elastomer	EN 681-1
8	Guide of the cover	Ductile iron EN-GJS-500-7	EN 1563

Reference and dimensions

DN - Class - Model	code	Lock	[F-S]	[F-S-I]	[A-R]	Frame				Cover	Weight	
						height mm	clear opening mm	ø external mm	ø ext. with stone-bolt mm	ø external mm	Cover kg	Total kg
						A	B	C	D	E	approx.	approx.
600 - D400 75 Height	24B1C14EAFBZZZZ00EE	•				75	600	765	765	650	31	50
600 - D400 75 Height	24B1C14EAFBZZZZ00GE	•	•			75	600	765	765	650	31	50
600 - D400 75 Height	24B1C14EAFBZZZZ00HE	•		•		75	600	765	765	650	31	50
600 - D400 75 Height	24B1C14EAFBZZZZ00IE	•			•	75	600	765	765	650	31	50
600 - D400 75 Height	24B1C14EAFBZZZZ00JE	•	•		•	75	600	765	765	650	31	50
600 - D400 75 Height	24B1C14EAFBZZZZ00KE	•		•	•	75	600	765	765	650	31	50
600 - D400 100 Height	24B1C14EAIBZZZZ00EE	•				100	600	850	850	650	31	55
600 - D400 100 Height	24B1C14EAIBZZZZ00GE	•	•			100	600	850	850	650	31	55
600 - D400 100 Height	24B1C14EAIBZZZZ00HE	•		•		100	600	850	850	650	31	55
600 - D400 100 Height	24B1C14EAIBZZZZ00IE	•			•	100	600	850	850	650	31	55
600 - D400 100 Height	24B1C14EAIBZZZZ00JE	•	•		•	100	600	850	850	650	31	55
600 - D400 100 Height	24B1C14EAIBZZZZ00KE	•		•	•	100	600	850	850	650	31	55
600 - Águas do Porto	24B1C14EAIEZZAPT20GE	•	•			100	600	850	850	650	31	55
600 - Águas do Porto	24B1C14EAIEZZAPT20JE	•	•		•	100	600	850	850	650	31	55
600 - D400 Intense Traffic	24B1C14IABZZZZ00EE	•				100	600	850	850	650	40	64
600 - D400 Intense Traffic	24B1C14IABZZZZ00GE	•	•			100	600	850	850	650	40	64
600 - D400 Intense Traffic	24B1C14IABZZZZ00HE	•		•		100	600	850	850	650	40	64
600 - D400 Intense Traffic	24B1C14IABZZZZ00IE	•			•	100	600	850	850	650	40	64
600 - D400 Intense Traffic	24B1C14IABZZZZ00JE	•	•		•	100	600	850	850	650	40	64
600 - D400 Intense Traffic	24B1C14IABZZZZ00KE	•		•	•	100	600	850	850	650	40	64
750 - D400 100 Height	24B1CX4EAIBZZZZ00EE	•				100	750	1006	1006	805	53	81
750 - D400 100 Height	24B1CX4EAIBZZZZ00GE	•	•			100	750	1006	1006	805	53	81
750 - D400 100 Height	24B1CX4EAIBZZZZ00HE	•		•		100	750	1006	1006	805	53	81
750 - D400 100 Height	24B1CX4EAIBZZZZ00IE	•			•	100	750	1006	1006	805	53	81
750 - D400 100 Height	24B1CX4EAIBZZZZ00JE	•	•		•	100	750	1006	1006	805	53	81
750 - D400 100 Height	24B1CX4EAIBZZZZ00KE	•		•	•	100	750	1006	1006	805	53	81
600 - C250 75 Height	24B1C13EAFBZZZZ00EE	•				75	600	765	765	605	31	50
600 - C250 75 Height	24B1C13EAFBZZZZ00GE	•	•			75	600	765	765	605	31	50
600 - C250 75 Height	24B1C13EAFBZZZZ00HE	•		•		75	600	765	765	605	31	50
600 - C250 75 Height	24B1C13EAFBZZZZ00IE	•			•	75	600	765	765	605	31	50
600 - C250 75 Height	24B1C13EAFBZZZZ00JE	•	•		•	75	600	765	765	605	31	50
600 - C250 75 Height	24B1C13EAFBZZZZ00KE	•		•	•	75	600	765	765	605	31	50

Subtitle:
Lock - Conical closing system

[F-S] - Conventional security lock

[F-S-I] - Inviolable security lock

[A-R] - Anti-theft system



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