

FILLABLE MANHOLE COVER

Galvanized manhole cover

DESCRIPTION

The Isoplam Fillable Manhole Cover consists of:

- manhole cover (cup) in 12/10 mm sheet metal (thickness 1.2 mm) hot-dip pre-galvanized;
- frame in 15/10 sheet metal (1.5 mm thick) hot-dip pre-galvanized;
- conical cap with screw for lifting.

It is used to mask manholes or inspections in an aesthetically integrated way with the surrounding floor since it allows the same material as the floor (stone, resin, ceramic, concrete, etc.) to be inserted inside, making the trapdoor practically invisible. At the same time, it allows inspections of the underlying systems (water, electricity, sewage...).

TECHNICAL AND PERFORMANCE DATA

Material	EN 10346/EN 0143	DX51D Sheet Metal
Surface Finish	UNI EN 10346	Z200 galvanizing
Form		Square
Fire reaction class	EN 13501-1	A1
Flow rate		By filling

Available types:

Height cm	External measurement cm	Internal measurement cm	Weight kg
5	24x24	20x20	2,9
5	34x34	30x30	4,55
5	44x44	40x40	6,44
5	54x54 mm	50x50	8,65
5	64x64	60x60 mm	11,28
8	24x24	20x20	4,4
8	34x34	30x30	6,4
8	44x44	40x40	8,95
8	54x54 mm	50x50	12,11
8	64x64	60x60 mm	16,15

INSTALLATION

Check that the substrate is structurally sound and able to withstand the expected load.
Make sure that there is enough space around the sump to allow the concrete to be poured.
Fit the lifting device provided in the package.

ISOPLAM S.R.L.

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UNI EN ISO 9001:2015 certified company Rev. of 03.03.2025



Fold the clamps on the sides of the frame and inside the cup outwards.
Place the frame and cup on the well at height and anchor the frame by filling the flank with cementitious material.
In the case of a drive-over manhole cover, insert a reinforcing net into the cup.
Proceed with the casting outside and inside the manhole cover and work as usual.

MAINTENANCE

It is recommended to carry out proper maintenance of the manhole cover at least once a year by removing the cup and cleaning the inside of the frame from dust, leaves, soil...