

TECHNICAL DATA SHEET



BUDATOP DN800/980

Stationary type cover, D400

Conform to EN 124-2,
DIN 19572 and RAL-GZ692
Class: D400



PRODUCT DESCRIPTION

Stationary chamber cover with round cast iron frame, encapsulated in concrete for optimal load distribution. Large access opening DN 800 [mm]. Frame includes MEISTEP socket for safe entry tool (DIN 19572). BUDATOP cover features exchangeable MEIPREN inserts for noise reduction and extended service life. Four large replacable stainless steel spring locks secure the cover in place. Two oversized lifting holes allow opening even when filled with debris. It is certified at independent institution (KIWA) according to EN 124 and tested according to RAL-GZ692, a certificate is available to confirm this.

Material: cast iron and concrete

Weight: 184 kg

Height: 150 mm

Country of origin of the product: Germany

APPLICATION AREA

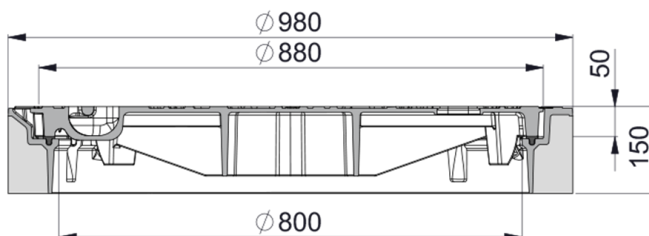
By the application BUDATOP cover corresponds to 4th group of EN 124 (class D400) which states that cover can be used on carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.

Specially suitable for installation on the roads and squares with pavement and roads with gravel surface.

Class:
D400

PRODUCT DIMENSIONS

Parameters	Nominal size — DN800/980
Outer diameter of the frame, mm	980
Opening, mm	800
Height, mm	150

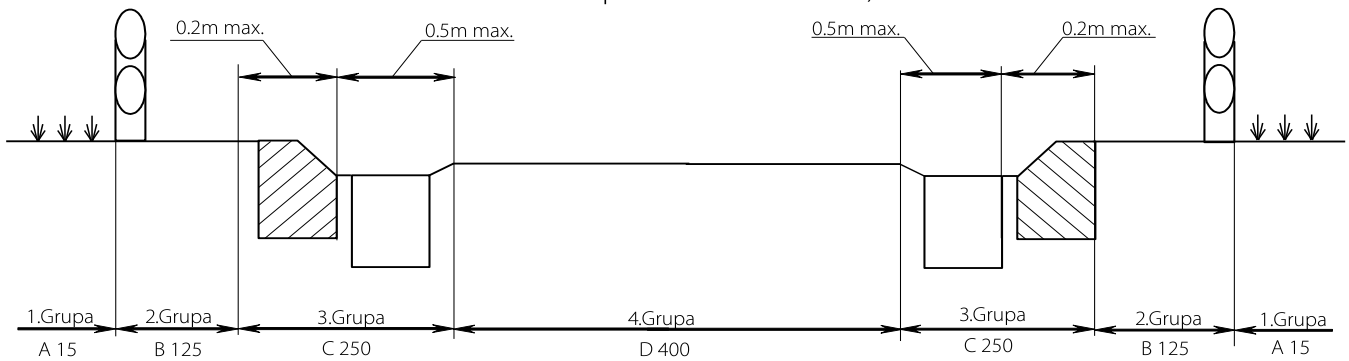


PRODUCT PARAMETERS

Parameters	Description	Standard
Material	Cast iron and concrete	EN 124-2
Load capacity, kN	400	EN 124-2, RAL-GZ692
Weight, kg	184	

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Selection of chamber cover depending on the designed traffic load at the installation place (according to the requirements of EN 124).



Cross section of street where different groups of chamber covers are displayed according to EN 124.

Group	Class	Load, kN (t)	Application area
1st group	A 15	15 (1.5)	Areas which can only be used by pedestrians and pedal cyclists.
2nd group	B 125	125 (12.5)	Pedestrian areas and comparable areas, car parks or car parking decks.
3rd group	C 250	250 (25)	For gully tops, installed in the area of kerbside channels of roads which, when measured from the kerb edge, extends a maximum of 0,5m into carriageway and a maximum of 0,2 m into the pedestrian area.
4th group	D 400	400 (40)	Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.
5th group	E 600	600 (60)	Areas imposing high wheel loads, e.g. docks, aircraft pavements.
6th group	F 900	900 (90)	Areas imposing particularly high wheel loads, e.g. aircraft pavements.

Corresponding standards

No.	Title
EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control.
EN 124-1	Gully tops and manhole tops for vehicular and pedestrian areas. Definitions, classification, general principles of design, performance requirements and test methods.
EN 124-2	Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of cast iron.
EN 124-3	Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of steel or aluminium alloys.
EN 124-4	Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of steel rein-
EN 124-5	Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of composite materials.
EN 124-6	Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of polypropylene (PP), polyethylene (PE) or unplasticized poly (vinyl chloride) (PVC-U).