

TECHNICAL DATA SHEET



BUDATOP DN700

Self-leveling type class D400 chamber cover

Conform to EN 124-2
 RAL-GZ692
 Class: D400

PRODUCT DESCRIPTION

Self-leveling type chamber cover is equipped with exchangeable MEIPREN cushioning inserts. The cover is equipped with two large, exchangeable spring type locks to hold the cover in the frame. Frame of BUDATOP cover has a special socket for MEISTEP safe entrance tool. It reliefs entering in to the chamber – crew member can stick to the MEISTEP tool. Cover has increased opening holes for opening the cover - easier to open even when it is full of dirt. BUDATOP cover is available with and without ventilation openings. It is possible to mount debris bucket or odour filter to the frame if cover with ventilation openings is used or during the other conditions. The cover can be ordered with the logo of servicing company. 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

Country of origin of the product: Germany



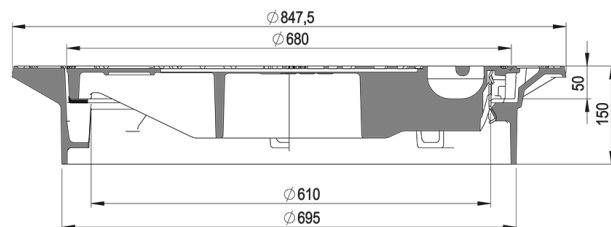
Class:
 D400

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.

PRODUCT DIMENSIONS

| Parameters | Nominal size — DN700 |
|---------------------------------|----------------------|
| Outer diameter of the frame, mm | 847,5 |
| Opening, mm | 610 |
| Height, mm | 150 |
| Frame neck size, mm | 695 |



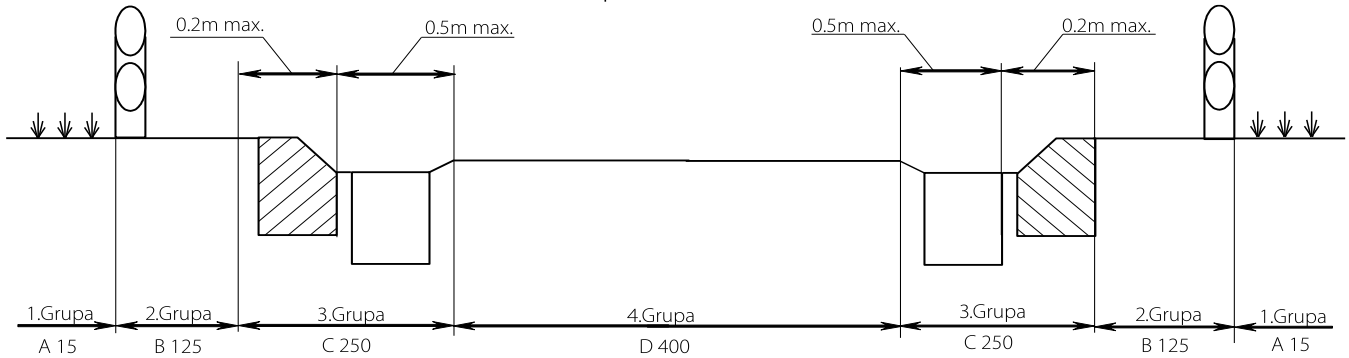
Frame with MEISTEP
 entrance tool

PRODUCT

| Parameters | Description | Standard |
|-------------------|-------------|---------------------|
| Material | Cast iron | EN 124-2 |
| Load capacity, kN | 400 | EN 124-2, RAL-GZ692 |
| Weight, kg | | 86 |

TECHNICAL DATA SHEET

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 reinforced concrete. |
| 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). |