

# TECHNICAL DATA SHEET



## Onboard grate 450x450x125

With vertical and horizontal inlets, class C 250

Conform to EN 124-2

Class: C250



### PRODUCT DESCRIPTION

Onboard grate with vertical and horizontal inlets 450x450x125 [mm], load class C250, ST 4545.

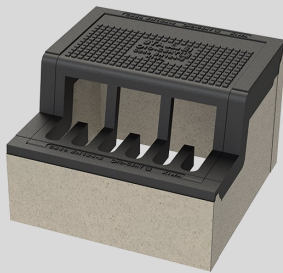
Weight: 72,5 kg.

Height: 310 mm

Standards: EN 124-2

### APPLICATION AREA

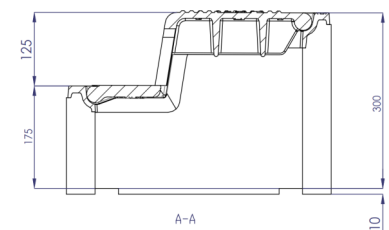
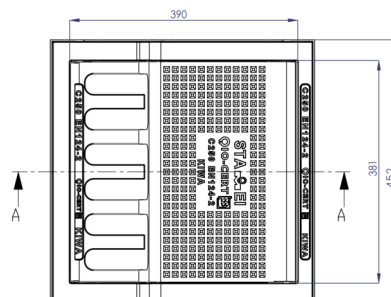
By the application cover corresponds to 3rd group of EN 124 (class C250) which states that cover can be used on the kerbside of the roads and parking areas, for all types of road vehicles. When measured from the kerb edge, extends a maximum of 0,5 m into carriageway and a maximum of 0,2 m into the pedestrian area.



Class:  
**C250**

### PRODUCT DIMENSIONS

Parameters	
Total width, mm	452
Total height, mm	310
Curb height, mm	125

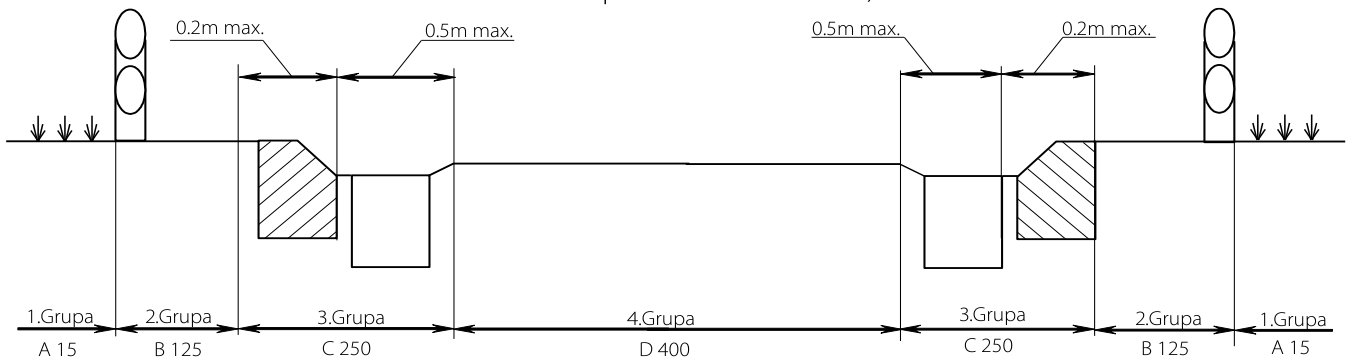


### PRODUCT PARAMETERS

Parameters	Description	Standard
Load capacity, kN	250	EN 124-2
Weight, kg	72,5	

# 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 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).