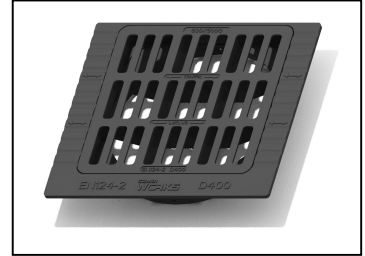


# D

## claration of Conformity (DoC)

### Floating maintenance hole frame with grate 500X500 Series 3366184/185-N (Vehicular Traffic Area)



### Product Description:

The Combi Works 500X500- Series maintenance hole Frame & grate set 3366184/185-N, consists of the following products **3366184-N Frame** & **3366185-N Grate**.

The named products have been designed in compliance with EN124-2:2015 specifications.

Main characteristics:

- Raw material: GJS 500/7 (SG Cast Iron)
- Load rating: D400 (for use in Vehicular Traffic Area)
- Surface coating black bitumen-based paint
- Top inscriptions customizable as per customer specification

#### Manufacturer – 📍

Crescent Foundry Pvt Ltd.

Solap, Howrah  
West Bengal, INDIA

#### Manufacturer Certification.

ISO-9001:2015  
Certificate Number FM 689386  
from BSI, Valid till 16<sup>th</sup> March 2027

#### Importer or authorized representative

Combi Works OY

Heikkiläntie 7 FIN-00210,  
HELSINKI, FINLAND

**Robert Blomstedt**  
CTO – Vice President, ICT

COMBI WORKS Oy

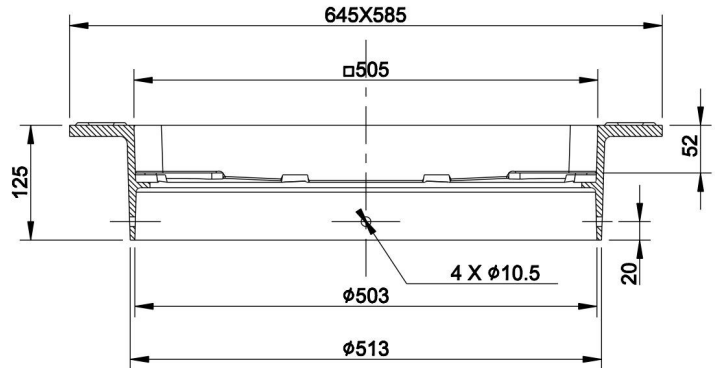
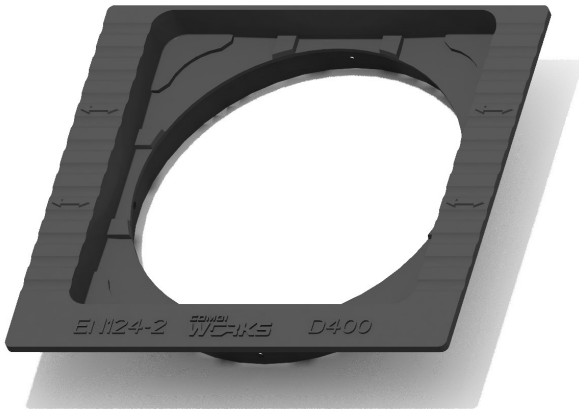
## Declared Conformity

Essential requirement	Performance	Technical specification
Material	EN-GJS-500/7	EN 1563
Load class	D400	EN 124-2

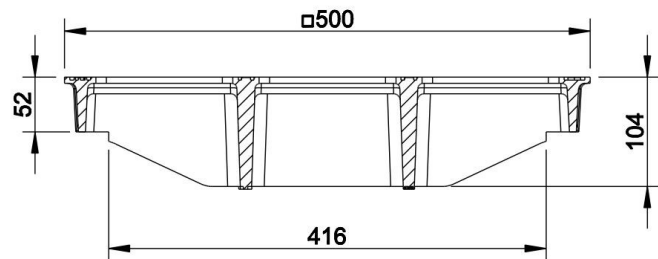
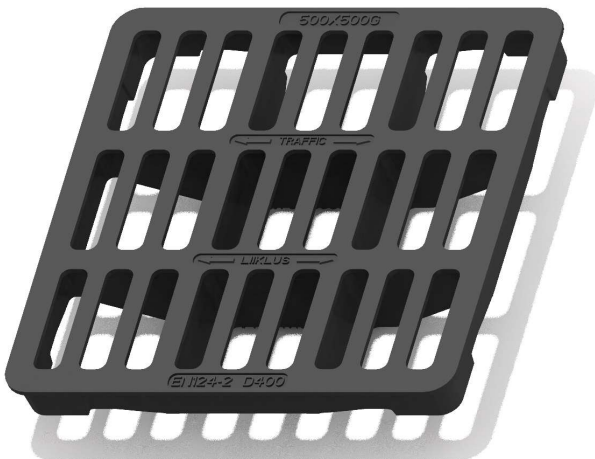
Sl.#	Parameter	Spec./Feature	CW Declaration	Durability
1	Frame bearing area	≤7.5 N/mm <sup>2</sup>	4.64 N/mm <sup>2</sup>	Pass
2	Load bearing capacity	400kN (Group-D)	400kN	Pass
3	Permanent set	As per spec.	1.5mm	Pass
4	Securing	Securing feature	NA	Pass
		mass per unit area (Grate weight divided by clear area m <sup>2</sup> )	173.0kg/m <sup>2</sup>	
		Other method	NA	
5.1	Skid resistance (Cover)	Concrete surfaces	NA	
		Raised Pattern	NA	
		Other surface (USRV)	NA	
5.2	Skid resistance (Grating)	Raised Pattern or Slot	Slot	Pass
		Frames with max. horizontal visible width of: ≤ 40mm or > 40mm	NA	
6	Child Safety	Enough weight and secure feature	30kg Grate to Liftout	Pass
		Mass of the individual cover or grating or	NA	
		Securing feature or locking accessory	NA	
7	Waterway Area	Waterway area (mm <sup>2</sup> )	110400.0 mm <sup>2</sup>	Pass
		% of Water way area	63%	Pass
8	Dangerous Substances		NA	

## Product Technical data

Floating Frame- 3366184-N, Rev-A  
 Design Spec.-EN 124-2:2015, Class D400, (400kN)  
 Weight 23.0 Kg



Grate- 3366185-N, Rev-A  
 Design Spec.-EN 124-2:2015, Class D400, (400kN)  
 Weight 30.0 Kg



## Load Classes according to EN124



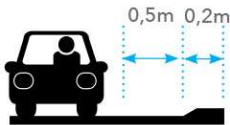
### Class A 15

Areas which can only be used by pedestrians and pedal cyclists.



### Class B 125

Pedestrian areas and comparable areas, car parks or car parking decks.



### Class C 250

For gully tops only. 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 D 400

Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.



### Class E 600

Areas imposing high wheel loads, e.g. docks, aircraft pavements



### Class F 900

Areas imposing particularly high wheel loads, e.g. aircraft pavements.