

System chambers



The chamber system for house and site drainaging



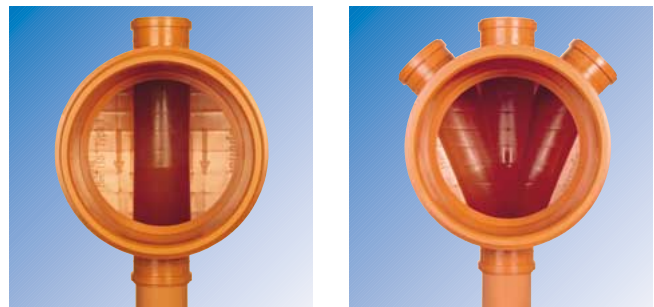
- easy to handle,
- light weight,
- small range of pieces,
- small covers
- ready with concrete-rim,
- variable,
- low costs for purchasing and service.

The chamber SC 400 for soil- and rainwater...

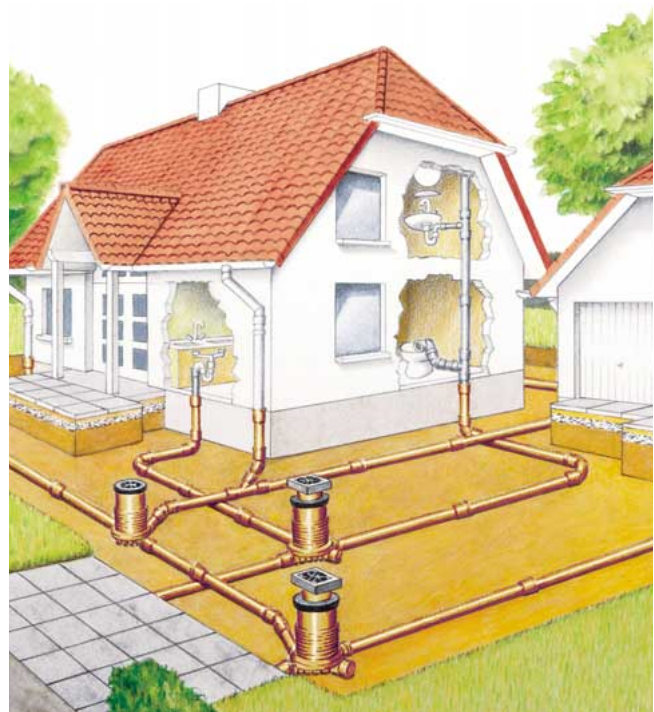
...the innovative chamber system for house and site drainaging.

Small dimensions with a great effort.

Uses as controllchambers for houses, for green spaces, parking area or drainage-chamber.

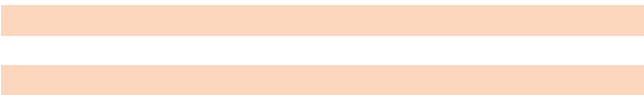


The installation of the chambers is very easy - no need of a dredger or heavy tools.



Chamber base (straight)

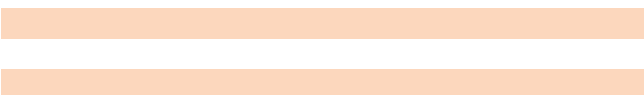
chamber SC 400 authorized by DIBt-Berlin



DN	art-no.
400/110	61000
400/160	61020
400/200	61030

Chamber base (right-middle-left)

chamber SC 400 authorized by DIBt-Berlin



DN	art-no.
400/110	61005
400/160	61025
400/200	61035

Riser shaft cover made of plastic

Weight class A 15 (1,5 tons)



With ventilation



Without ventilation

DN/OD	weight-class	art-no.
DN 400	A 15	61810

Teleskopik section DN 315 (for chambers 400)

Weight class B 125 (12,5 tons), cast-iron frame, (lockable cover) and ring seal



With ventilation



Without ventilation

Weightclass	name	typ	art-no.
B 125	without ventilation		61400
B 125	with ventilation		61430

Teleskopik section DN 315 (for chambers 400)

Weight class D 40 (40 tons), cast-iron frame, (lockable cover) and ring seal



With ventilation



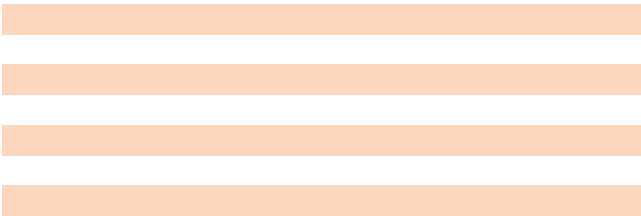
Without ventilation

Weightclass	name	typ	art-no.
D 400	without ventilation	SV ¹	61500
D 400	with ventilation	SV ¹	61520

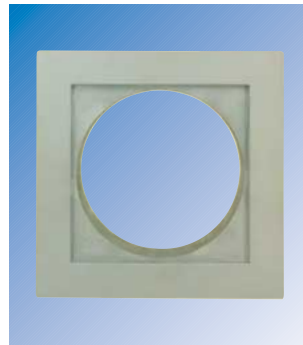
Riser shaft DN 400



DN/OD	length in mm	art-no.
400	500	61205
400	800	61210
400	1000	61215
400	1250	61225
400	1500	61226
400	2000	61240



Concrete rim for the telescopic section



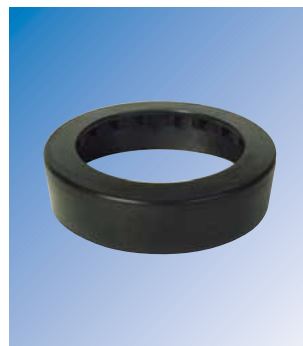
DN	art-no.
315	60650

Dirt catcher

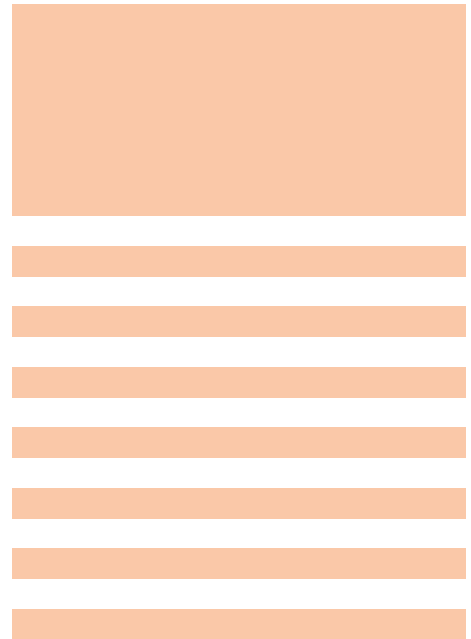
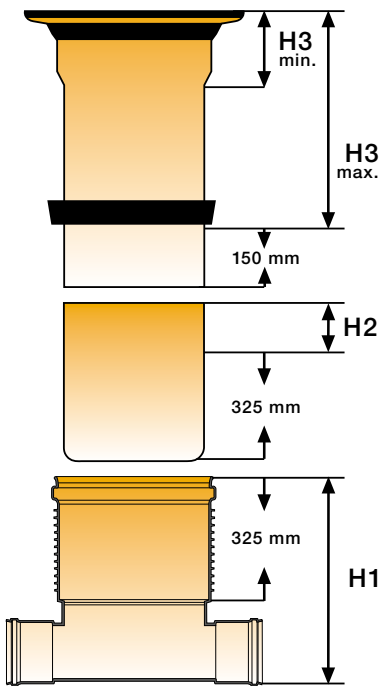


DN/OD	art-no.
315	61820

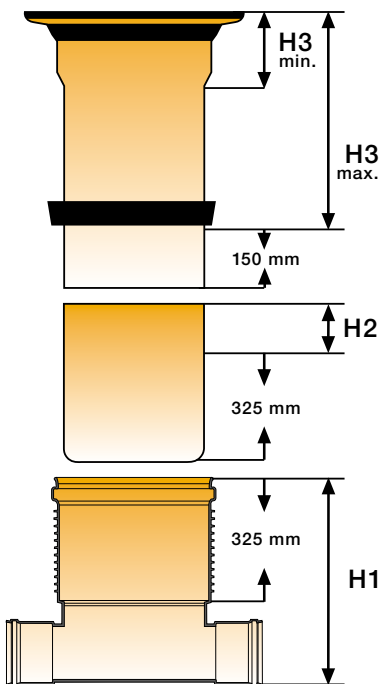
Ring-seal



DN/OD	art-no.
400	60630



Overview of the height dimension SC 400



Installation depth = H1 + H2 + H3

Telescope section

H 3 min. = 130 mm

H 3 max. = 450 mm

Riser shaft

H 2 = length

- 325 mm

Chamber base

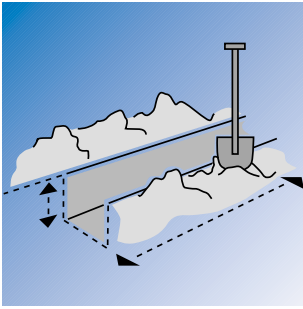
H1 DN 150 = 560 mm

H1 DN 200 = 610 mm

overview of the heights Dim 400

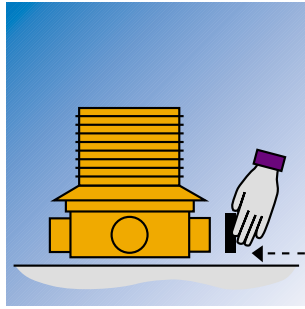
In-/outlet DN	Length of riser shaft mm	Installation depth with telescopic section min.	Installation depth with telescopic section max.	Installation depth with riser shaft cover
150	500	865	1185	735
	800	1165	1485	1035
	1000	1365	1685	1235
	1250	1615	1935	1485
	1500	1865	2185	1735
2000	2365	2685	2235	
200	500	915	1235	785
	800	1215	1535	1085
	1000	1415	1735	1285
	1250	1665	1985	1535
	1500	1915	2235	1785
2000	2415	2735	2285	

Chamber installation



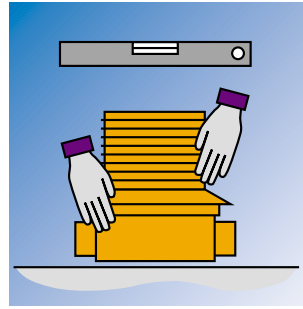
1. Digging out the pipe ditch

The installation depth and the length of the pipe ditch depend on the individual construction measure.



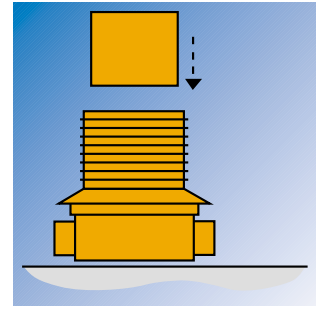
2. Closing of the inlets

Close off the inlets not required with a KG socket plug with lubricant.



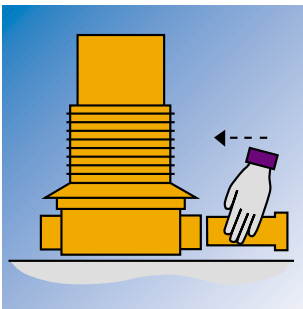
3. Installing the base of the chamber

Install the base of the chamber and straighten it horizontally with a spirit level.



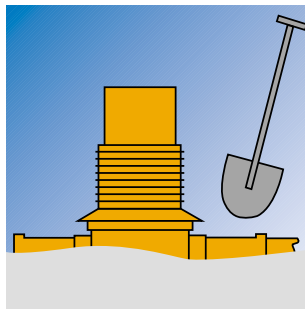
4. Inserting the riser shaft

Now the riser shaft is installed and pushed into the bottom of the chamber until it arrests (use a lubricant here too).



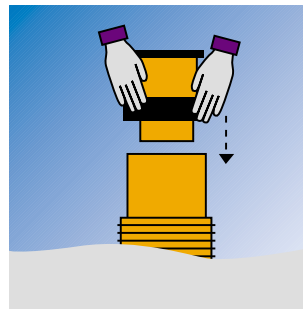
5. Connecting to the pipe system

The base of the chamber is then connected to the pipe system. On doing so wipe off any dirt from the inserting end of the pipe and the socket of the shaft. Apply lubricant to the end of the pipe and push it into the socket of the shaft until it arrests.



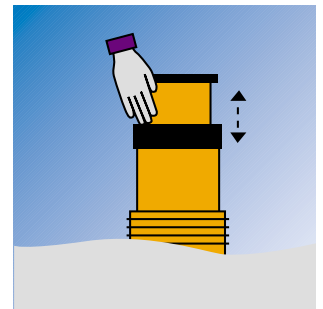
6. Filling the construction trench (part 1)

Then fill in the construction trench around the base of the chamber in layers and compress.



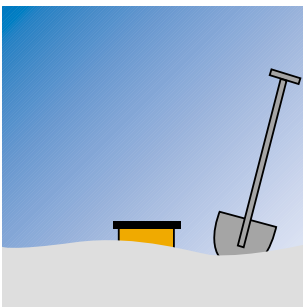
7. Inserting the telescope section

Now insert the telescopic section. Push the sleeve onto the riser shaft of the bottom part of the chamber until it resists.



8. Positioning the telescope section

Now position the telescope section at the approximate installation depth.



9. Filling in the construction trench (part 2)

Finally fill in the construction trench in layers and compress.

