

Canplast Pro[®] freestanding chambers

Canplast PRO[®] 600-800 and 1000

In addition to its inspection chambers used as watertight freestanding formwork, Canplast offers its Canplast PRO[®] chambers in PP, freestanding, guaranteeing durability, safety, ease of installation and operation. With their modular design, many configurations can be realised in our manufacture workshops, **custom-made** and according to the needs of the project as well as the demands of the company and engineer in charge.

Applications

Chambers for connecting, inspecting, cleaning and visiting non-pressure wastewater and rainwater drainage networks.

Characteristics, reference standards and quality trademark

- Chamber base and shafts in PP (Polypropylene)
- Colour: Brown Orange
- Modular type
- Water table: reinforced base and peripheral ribs
- Telescopic extension possible
- Inputs, outlets and custom made gradients
- Access by cast iron cover on distribution slab
- Standard EN 13598-1 for PRO 600[®]
- Standard EN 13598-2 for PRO 800[®] and PRO 1000[®]



Telescopic extension

Sealing joint

Extension

Sealing joint

Chamber base

PRO 600

Reduction cone

Sealing joint

Extension with built-in ladder

Sealing joint

Chamber base



Pro 800 - Pro 1000

Qualitäten und Vorteile

- ✓ Leicht, einfach und schnell zu installieren (einbaufertig lieferbar, die Einzeileile werden hierfür in unseren Werkstätten zusammengebaut)
- ✓ Vollkommene Dichtheit garantiert
- ✓ Aufsetzrohr ist ausserordentlich steif PP Doppelwand min. CR8
- ✓ Schlagfestigkeit, beständig gegenüber Abrieb und Korrosion
- ✓ Leicht zu benutzen, Einstiegsleiter verfügbar (Stufen)
- ✓ Kompatibel mit allen gängigen Kunststoff-Rohrleitungssystemen (PVC-PE-PP)
- ✓ Je nach Vorgabe des Planers anpassbar
- ✓ Nachhaltigkeit des Rohrnetzes - PP komplett recyklierbar

Our range of products

Complete range

- Diameter of the chambers: 600, 800 and 1000 mm
- Diameter of the pipes: 160, 200, 250, 315, 400 and 500 mm

Adjustable, with different heights available

PRO 600, PRO 800 and PRO 1000: Telescopic extension possible



Price of PRO 600® chamber base

Chamber Ø (mm)	Collector Ø (mm)	Secondary inlets (mm)	Height (mm)	Price (Frs)
630	160, straight	-	400	265.--
630	160, straight	2x 160	400	295.--
630	200, straight	-	400	270.--
630	200, straight	2x 200	400	330.--
630	250, straight	-	500	378.--
630	250, straight	2x 250	500	514.--

Adaptability in our manufacture workshops



Figure 1 : Element with rungs incorporating a pipe with cleaning hatch

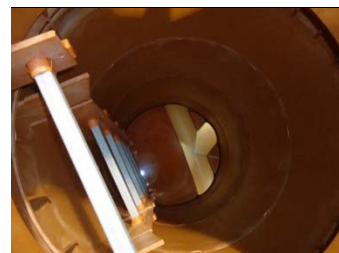


Figure 2 : Interior of a chamber with rungs

Control and delivery



Figure 3 : Shut-off for chamber inspection

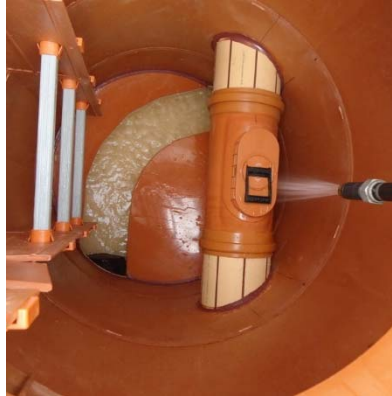


Figure 4 : Chamber watertightness control

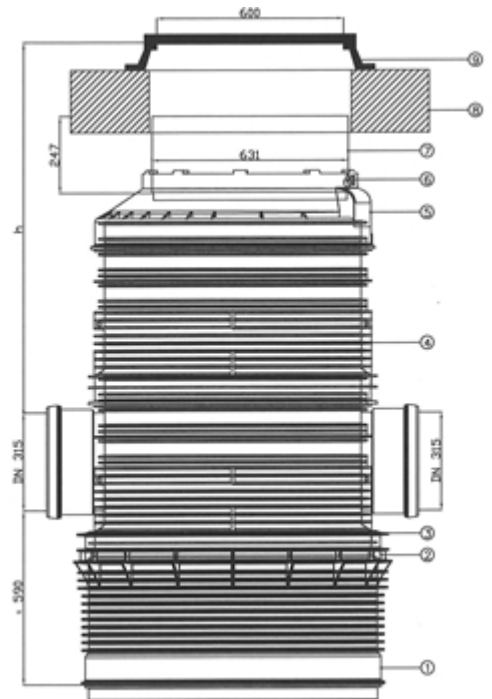


Figure 5 : Laying a room to fill

Technische Daten

Example below: Standard Canplast PRO chamber Ø 800 mm with dump.

Nr.	Designation	Ø	Code
1	PRO 800 Base / Flat bottom	800	50100585
2	Extension seal 800	800	50300190
3	Body 800/315 0°/180°	800/315	50100725
4	Extension 800	800 ; H=0,5 m	50400132
5	800/630 Cone with hooks	800/630	50400104
6	Cone seal	630	50300139
7	Telescopic extension	631	50400081
8	Concrete frame for cast iron cover	615/710	5020075
9	600 D400 EN 124 Cover	600	50201303



Freestanding chambers - Implementation

Canplast PRO 600-800 and 1000®

Transport and storage on site

All chamber components and seals must be checked upon delivery to ensure compliance. All of these must be stored in a way that prevents degradation. In particular, the sealing joints must be kept clean and away from the sunlight. Unloading and transport to the excavation must be done with appropriate lifting equipment.

Earthwork

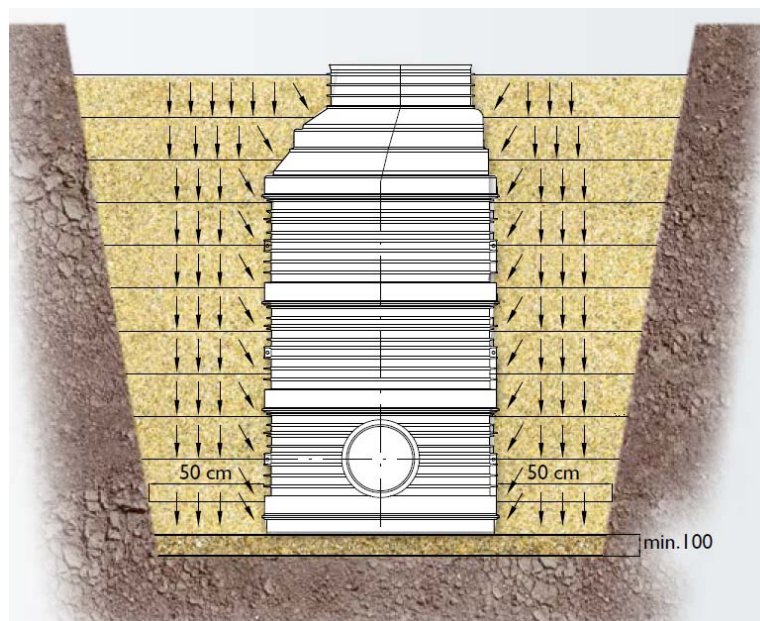
The excavation width must be greater than 50cm on each side of the chamber. The characteristics of the natural ground must be taken into account and the earthworks must be carried out according to the professional standards and practices.

Bedding

The quality of the bedding is decisive for the implementation. The load bearing capacity of the ground will have to guarantee the stability of the system.

The bedding must have a minimum thickness of 10 cm and be made up of a compactable material (sand or gravel grade 0-32) which is carefully levelled.

If the base of the excavation is unstable, it must be stabilised before the laying/compacting of the bedding.



Laying elements

Workshop fully assembled elements

The complete chamber is delivered to the site.

- 1) Placing the chamber on the prepared bedding.
- 2) Connection of plastic pipes by simple M/F fitting. Check, if necessary, clean, and lubricate the female ends of the chamber. If other materials, such as cement, stone, fibre cement or ductile cast iron pipes, must be connected, please use special fittings.
- 3) Backfilling and compaction around the chamber in successive layers of 30cm.
- 4) Placing of the concrete crown with the lid.



Components to be assembled on site

The chamber components are delivered on site.

- 1) Installation of the basic component on the prepared bedding.
- 2) Connection of plastic pipes by simple M/F fitting. Check, if necessary, clean, and lubricate the female ends of the chamber.
- 3) Backfilling and blocking of the base component with the necessary compacting material.
- 4) Insertion of the seal in the groove provided for this purpose. Be sure to lubricate this seal.
- 5) Insert the extension or reduction cone using a lifting device. Connect these components using the appropriate tools.
- 6) Backfilling and compaction around the chamber in successive layers.
- 7) Placing the concrete crown with the lid.



Insertion of the sealing joint (point 4)



Insertion of the extension (point 5)



Insertion of the sealing joint on the telescopic reduction cone