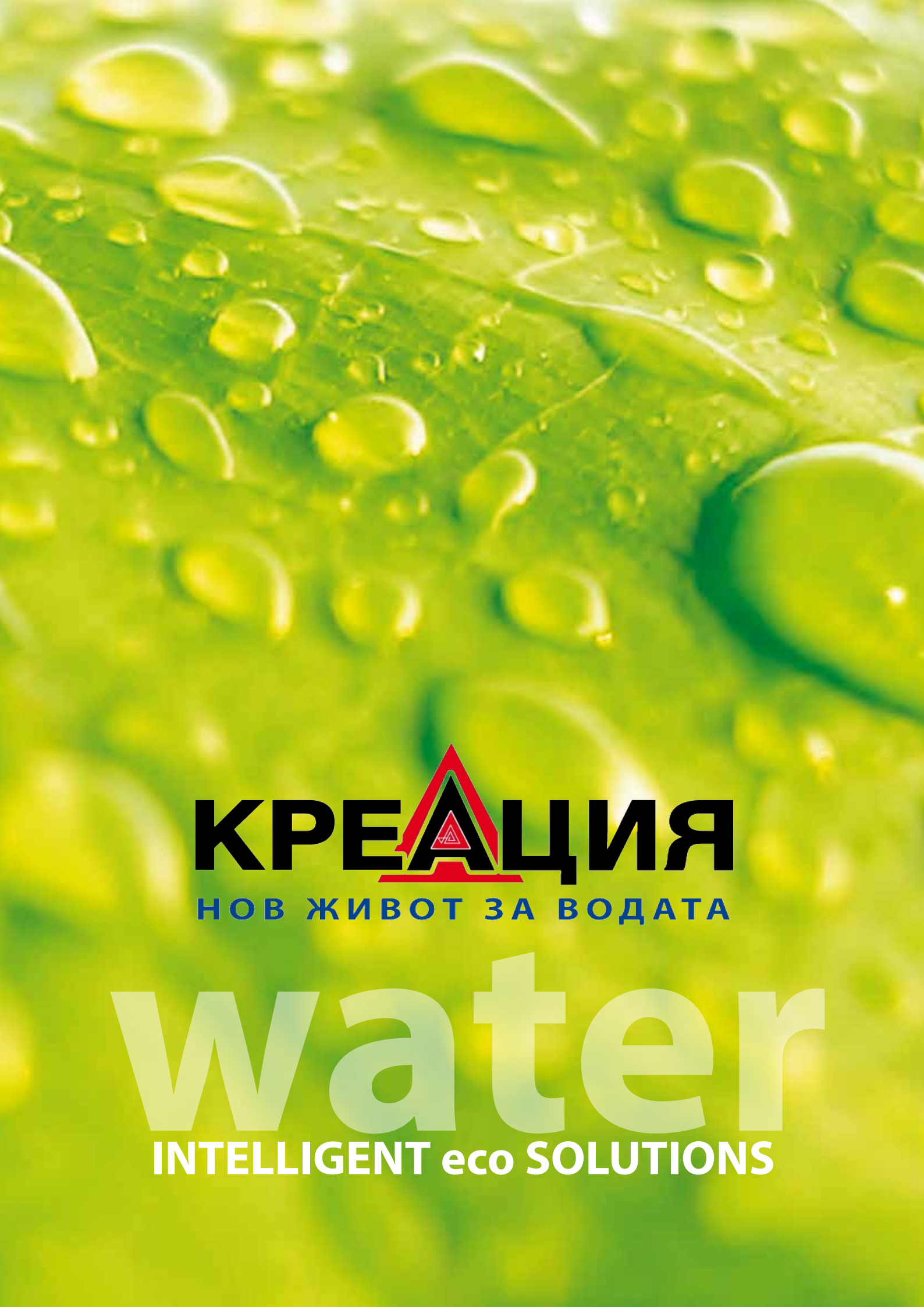
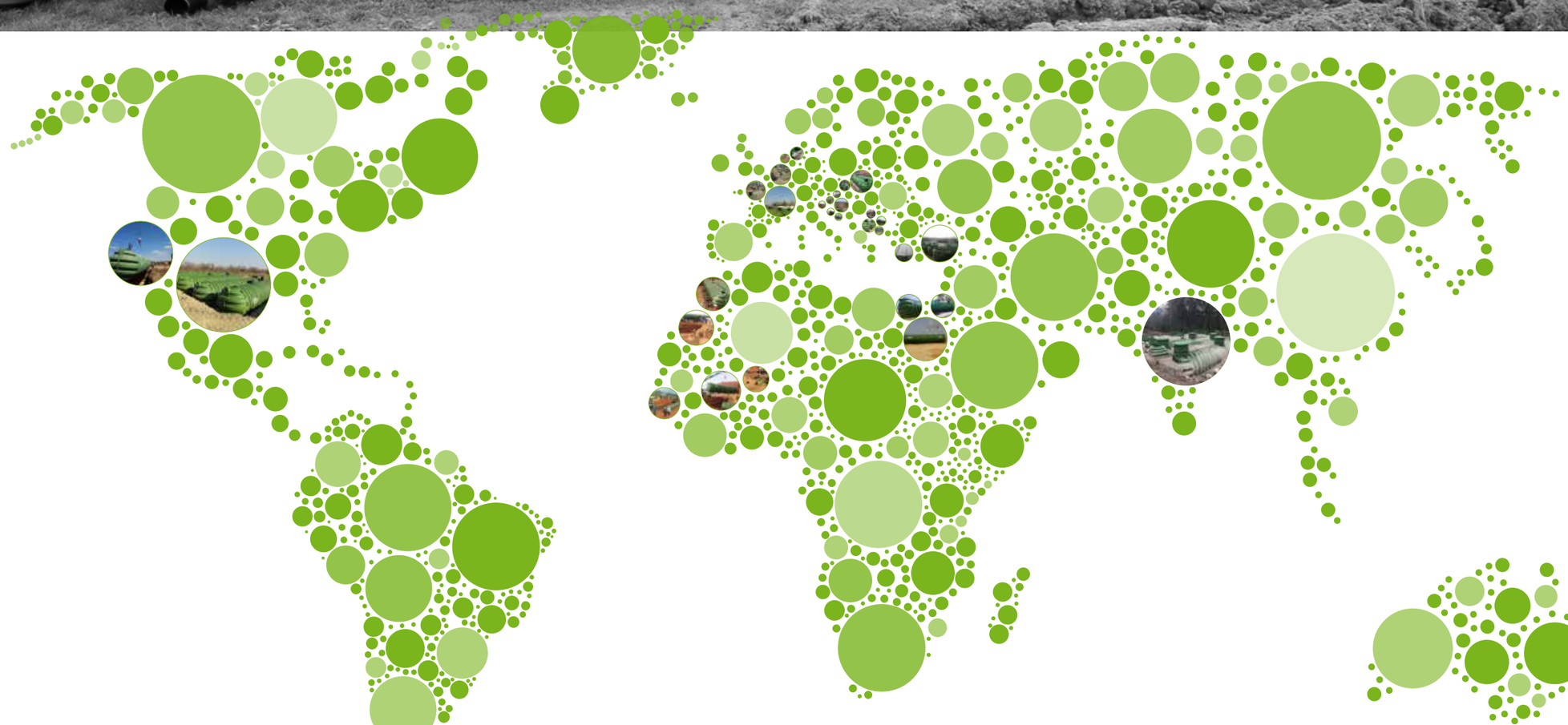

КРЕАЦИЯ
НОВ ЖИВОТ ЗА ВОДАТА
water
INTELLIGENT eco SOLUTIONS

numbers of years of experience in manufacturing of eco solutions



1974

1985

1996

2000

2002

2005

2007

2011

2012

2013

2015

2016

2017

2018

КРЕАЦИЯ
НОВ ЖИВОТ ЗА ВОДАТА

Roterra

COVER
PE, DN600, up to 200 kg
PP, DN600, up to 600 kg
Cast iron, DN600, up to 1500 kg

TELESCOPIC EXTENSION
It's designed like a screw so we can adjust the height of tank during installation. Up to 500 mm.

Seal

Seal

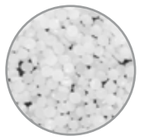
INFLOW
up to
DN160

OUT-
FLOW

easy to install
because of its
flat bottom

reinforced
rib

Basic equipment: telescopic extension, PE cover



material:
polyethylen

wall thickness
8-14 mm

monolit
100% waterproof

made of spec.
polyethilen for
drinking water
storage

polyethylen -
recycable
after use

excellent statics

HORIZONTAL

VERTICAL

DRINKING WATER

FREESTANDING

WATER TANKS

Roterra water tank

2.200 - 3.000 L

• Tank is easy to install, has excellent statics and can be buried underground.

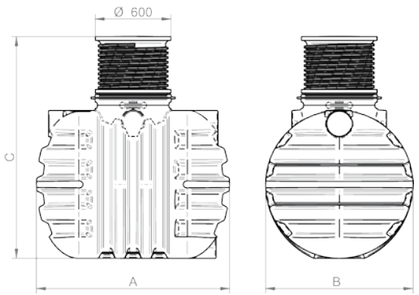
• Plastic **cover** has a seal which makes the tank waterproof. Cover is fixed with four stainless steel screws. Standard cover has loading capacity up to 0,2 kN/m^2.

• Inflow and outflow opening sizes are prepared according to customer requirements for water distribution or PVC hoses from DN50 to DN 400 for influx, outflux and tank overflows).

INSTALLATION
Easy to install because of its flat bottom. Tank is constructed with great statics.

INFLOW/OUTFLOW
Inflow and outflow pipes can be installed (up to DN160 mm).

TELESCOPIC EXTENSION
can adjust the height of tank during installation.
(size: Ø600 x 500 mm)



Volume [L]	Code	Dimension A x B x C [mm]	Cover [mm]	Weight [kg]
2.200	7100067160	1840 × 1400 × 1600-2100	Ø600	100
2.600	7100067180	2150 × 1400 × 1600-2100	Ø600	115
3.000	7100067170	2400 × 1400 × 1600-2100	Ø600	130

2.200 L | 2.600 L | 3.000 L

Roterra water tank

3.500 - 6.000L

• Tank is easy to install, has excellent statics and can be buried underground.

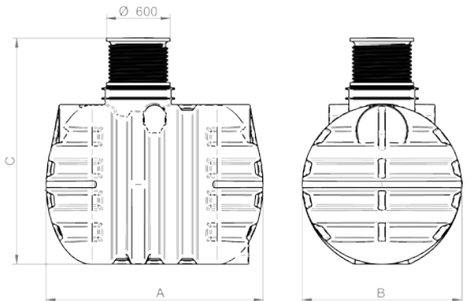
• Plastic **cover** has a seal which makes the tank waterproof. Cover is fixed with four stainless steel screws. Standard cover has loading capacity up to 0,2 kN/m^2.

• Inflow and outflow opening sizes are prepared according to customer requirements (for water distribution or PVC hoses from DN50 to DN 400 for inflow, outflow and tank overflows).

TELESCOPIC EXTENSION
can adjust the height of tank during installation.
(size: Ø600 x 500 mm)

INFLOW/OUTFLOW
Inflow and outflow pipes can be installed (up to DN160 mm).

INSTALLATION
Easy to install because of its flat bottom. Tank is constructed with great statics.



Volume [L]	Code	Dimension A x B x C [mm]	Cover [mm]	Weight [kg]
3.500	7100067120	2080 x 1800 x 2050-2550	600	165
5.000	7100067130	2450 x 1800 x 2050-2550	600	195
6.000	7100067140	2820 x 1800 x 2050-2550	600	235

3.500 L | 5.000 L | 6.000 L

Roterra
water tank
8.000 - 16.000L

• Tank is easy to install, has excellent statics and can be buried underground.

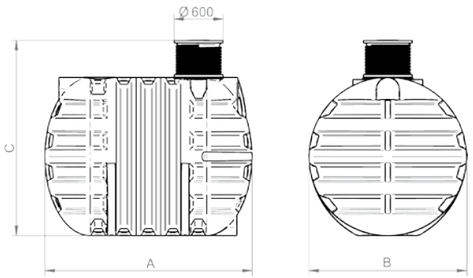
• Plastic **cover** has a seal which makes the tank waterproof. Cover is fixed with four stanless steel screws. Standard cover has loading capacity up to 0,2 kN/m².

• Inflow and outflow opening sizes are prepared according to customer requirements (for water distribution or PVC hoses from DN50 to DN 400 for inflow, outflow and tank overflows).

TELESCOPIC EXTENSION
can adjust the height of tank during installation.
(size: Ø600 x 500 mm)

INFLOW/OUTFLOW
Inflow and outflow pipes can be installed (up to DN160 mm).

INSTALLATION
Easy to install because of its flat bottom. Tank is constructed with great statics.



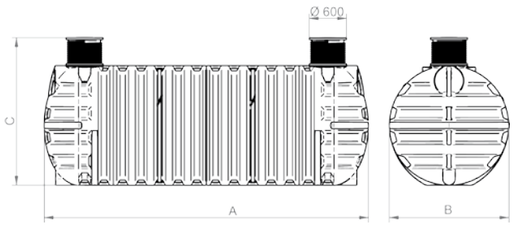
Volume [L]	Code	Dimension A x B x C [mm]	Cover [mm]	Weight [kg]
8.000	710006254**0**	2680 x 2300 x 2350-2850	Ø600	275
10.000	710006903**0**	3040 x 2300 x 2350-2850	Ø600	315
12.000	710006250**0**	3760 x 2300 x 2350-2850	Ø600	365
16.000	710006577**0**	4840 x 2300 x 2350-2850	Ø600	465

8.000 L | 10.000 L | 12.000 L | 16.000 L

Roterra
water tank
22.000 - 35.000L

REINFORCED RIB
for unloading

Volume [L]	Code	Dimension A x B x C [mm]	Cover [mm]	Weight [kg]
22.000	710006257**0**	6280 × 2300 × 2350-2850	2x Ø600	820
25.000	710086257**0**	7370 × 2300 × 2350-2850	2x Ø600	1040
30.000	710006235**0**	8450 x 2300 x 2350-2850	2x Ø600	1080
35.000	710086237**0**	9890 × 2300 × 2350-2850	2x Ø600	1340



25.000 L | 30.000 L | 35.000 L

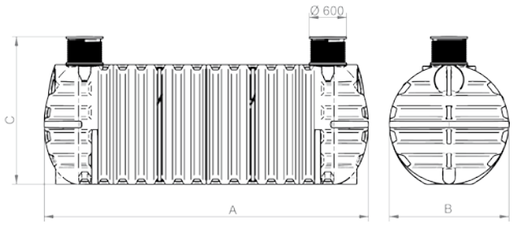
Roterra

water tank

40.000 - 50.000L

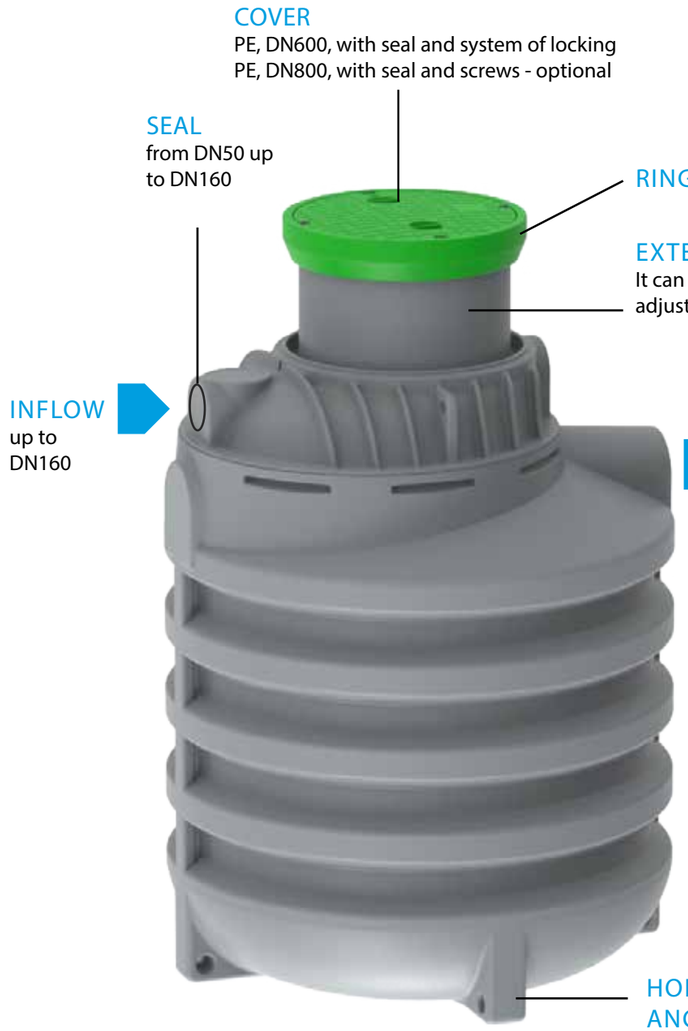
REINFORCED RIB
for unloading

Volume [L]	Code	Dimension A x B x C [mm]	Cover [mm]	Weight [kg]
40.000	710006237**0**	10970 × 2300 × 2350-2850	2x Ø600	1380
45.000	710086242**0**	12410 × 2300 × 2350-2850	2x Ø600	1640
50.000	710006242**0**	13490 × 2300 × 2350-2850	2x Ø600	1680



40.000 L 45.000 L 50.000 L

Rocko



Basic equipment:
walkable plastic cover

freestanding tank

underground tank

material: polyethylen

8-14 mm

wall thickness 8-14 mm

polyethylen - recycable after use

excellent statics

Rocko
water tank
Ø1300

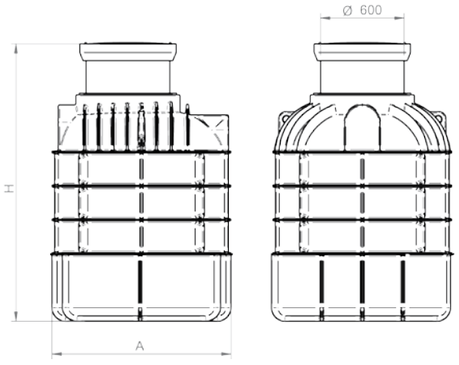
COVER DN600 WITH PE RING
Is designed like a screw so we can adjust the height of tank during installation.

COVER DN600
The cover is fixed with four stainless steel screws.

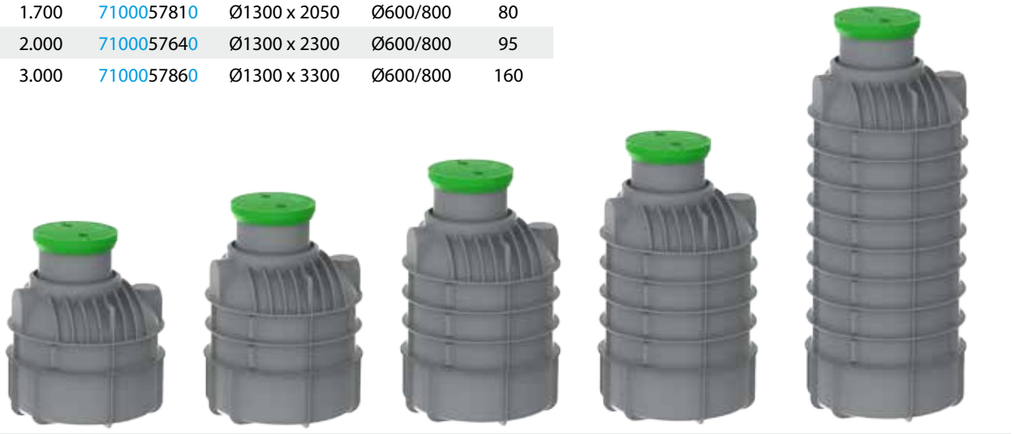
COVER DN800
Is fixed with four stainless steel screws.

INFLOW/OUTFLOW
Inflow and outflow pipes can be installed on two places (up to DN160 mm).

INSTALLATION
Easy to install beacuse of its flat bottom. Tank is constructed with great statics.

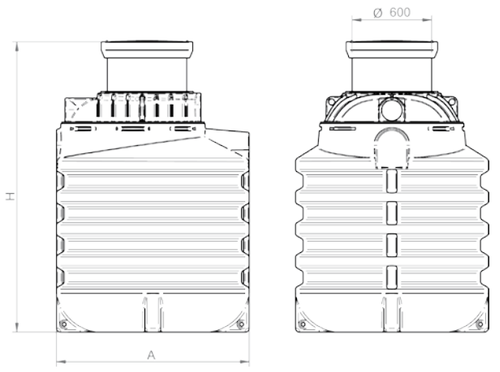


Volume [L]	Code	Dimension A x H [mm]	Cover [mm]	Weight [kg]
1.200	7100057620	Ø1300 x 1550	Ø600/800	50
1.500	7100057630	Ø1300 x 1800	Ø600/800	65
1.700	7100057810	Ø1300 x 2050	Ø600/800	80
2.000	7100057640	Ø1300 x 2300	Ø600/800	95
3.000	7100057860	Ø1300 x 3300	Ø600/800	160



1.200 L | 1.500 L | 1.700 L | 2.000 L | 3.000 L

Rocko
water tank
Ø1500



COVER DN600 WITH PE RING
Is designed like a screw so we can adjust the height of tank during installation.

COVER DN600
The cover is fixed with four stainless steel screws.

COVER DN800
Is fixed with four stainless steel screws.

INFLOW/OUTFLOW
Inflow and outflow pipes can be installed on two places (up to DN160 mm).

INSTALLATION
Easy to install beacuse of its flat bottom. Tank is constructed with great statics.

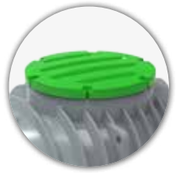
Volume [L]	Code	Dimension A x H [mm]	Cover [mm]	Weight [kg]
2.000	7100067450	Ø1500 x 2000	Ø600/800	79
2.350	7100067460	Ø1500 x 2250	Ø600/800	90
2.700	7100067470	Ø1500 x 2500	Ø600/800	101

2.000 L | 2.350 L | 2.700 L

Rocko
water tank
Ø1800

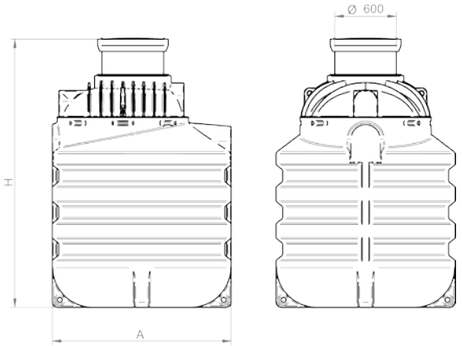
COVER DN600 WITH PE RING
Is designed like a screw so we can adjust the height of tank during installation.

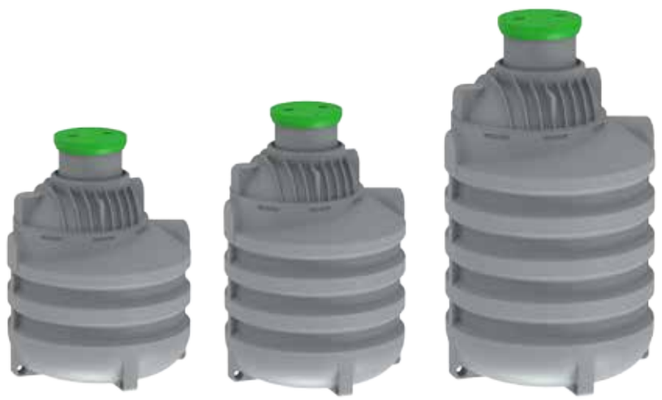
COVER DN600
The cover is fixed with four stainless steel screws.



COVER DN800
Is fixed with four stainless steel screws.

Volume [L]	Code	Dimension A x H [mm]	Cover [mm]	Weight [kg]
3.200	710006726**0**	Ø1800 x 2350	Ø600/800	136
4.000	710006727**0**	Ø1800 x 2700	Ø600/800	155
5.000	710006728**0**	Ø1800 x 3100	Ø600/800	182





3.200 L | 4.000 L | 5.000 L

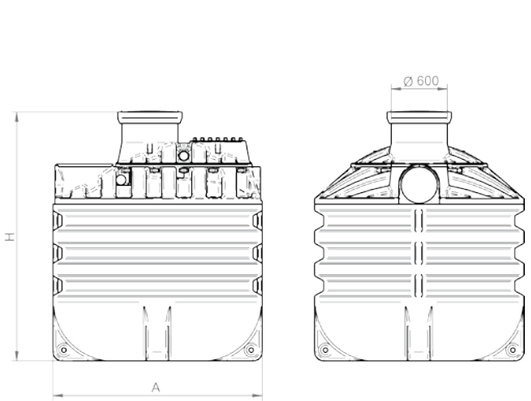
Rocko
water tank
Ø2300

• Tank is easy to install, has excellent statics and can be used as an above or underground tank. Its shape allows installation on rocky surface.

COVER
DN600

INFLOW/OUTFLOW
till DN400

ANCHORING



Volume [L]	Code	Dimension A x H [mm]	Cover [mm]	Weight [kg]
6.000	710006734**0**	Ø2300 x 2400	1 or 2 x Ø600	212
7.500	710006735**0**	Ø2300 x 2750	1 or 2 x Ø600	243
8.700	710006736**0**	Ø2300 x 3100	1 or 2 x Ø600	274
10.000	710006737**0**	Ø2300 x 3500	1 or 2 x Ø600	306

6.000 L | 7.500 L | 8.700 L | 10.000 L

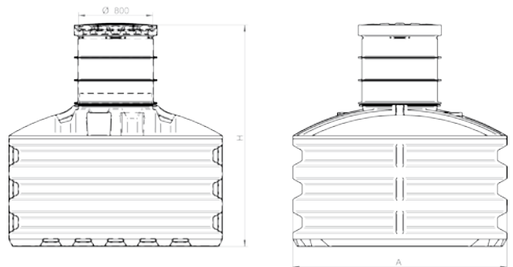
Rocko
water tank
Ø2310

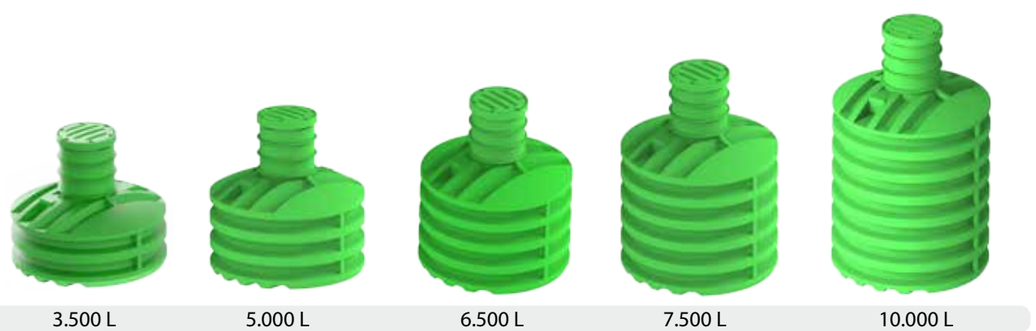
TELESCOPIC EXTENSION
Is designed like a screw so we can adjust the height of tank during installation.

INFLOW/OUTFLOW
Inflow and outflow pipes can be installed (up to DN160 mm).

INSTALLATION
Easy to install beacuse of its flat bottom. Tank is constructed with great statics.

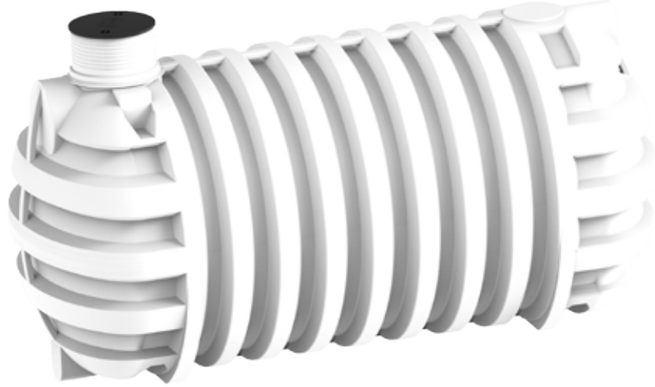
Volume [L]	Code	Dimension A x H [mm]	Cover [mm]	Weight [kg]
3.500	7100067030	Ø2310 x 1300-2000	Ø800	177
5.000	7100067070	Ø2310 x 1650-2350	Ø800	200
6.500	7100067190	Ø2310 x 2000-2700	Ø800	260
7.500	7100067010	Ø2310 x 2350-3050	Ø800	320
10.000	7100067000	Ø2310 x 3050-3750	Ø800	400





3.500 L | 5.000 L | 6.500 L | 7.500 L | 10.000 L

Rodrink
tank for drinking water



- integrated extension
- flat cover with loading capacity up to 200 kg
- cover has seal which makes the tank waterpfoof
- cover is fixed with four steinless steel screws

INTEGRATED EXTENSION

INFLOW/OUTFLOW
inflow and outflow opening sizes are adjustable (up to DN160 mm)

INSTALLATION
Tank is easy to install, because of its flat bottom.

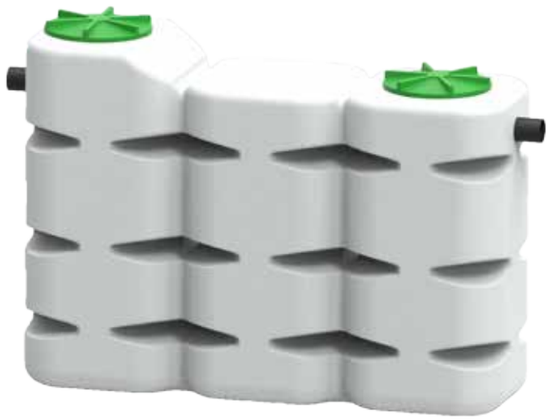
Volume [L]	Code	Dimension A x B x C [mm]	Weight [kg]
2.200 L	7100067161	1840 x 1400 x 1600-2100	100
2.600 L	7100067181	2150 x 1400 x 1600-2100	115
3.000 L	7100067171	2400 x 1400 x 1600-2100	130
3.500 L	7100090401	2080 x 1800 x 2050-2550	165
5.000 L	7100090411	2450 x 1800 x 2050-2550	195
6.000 L	7100090421	2820 x1800 x 2050-2550	235
8.000 L	7100062541	2680 x 2300 x 2350-2850	275
10.000 L	7100069031	3040 x 2300 x 2350-2850	315
12.000 L	7100062501	3760 x 2300 x 2350-2850	365

Volume [L]	Code	Dimension A x B x C [mm]	Weight [kg]
16.000 L	7100065771	4840 x 2300 x 2350-2850	465
22.000 L	7100062571	6280 x 2300 x 2350-2850	820
25.000 L	7100862571	7370 x 2300 x 2350-2850	1040
30.000 L	7100062351	8450 x 2300 x 2350-2850	1080
35.000 L	7100862371	9890 x 2300 x 2350-2850	1340
40.000 L	7100062371	10970 x 2300 x 2350-2850	1380
45.000 L	7100862421	12410 x 2300 x 2350-2850	1640
50.000 L	7100062421	13490 x 2300 x 2350-2850	1680

5.000 L | 8.000 L | 12.000 L

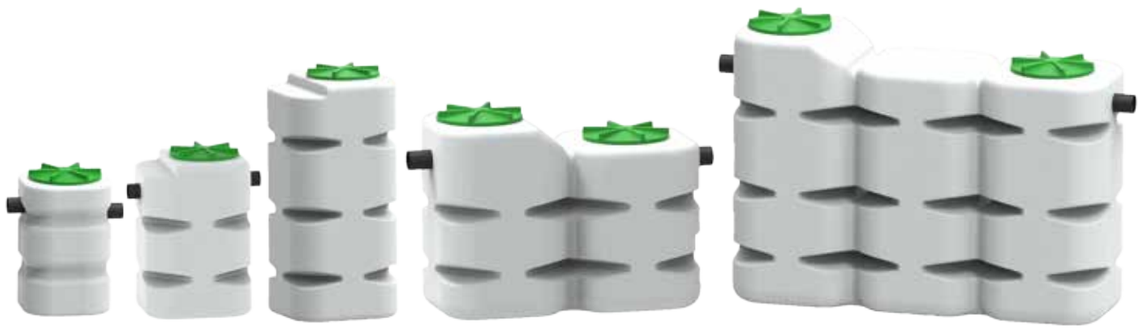
RoQuadro water tank

250 - 2.000L



- used for storage or transport of liquids
- in/outdoor use/ above ground

Volume [L]	Code	Dimension A x B x C [mm]	Cover [mm]	Weight [kg]
250	7104103260	600 x 600 x 928	Ø300	12
500	7104104060	760 x 760 x 1100	Ø300	23
750	7104106060	760 x 760 x 1600	Ø300	30
1.000	7104107660	1520 x 760 x 1100	Ø300	45
2.000	7104109460	2250 x 760 x 1600	Ø300	80



250 L 500 L 750 L 1.000 L 2.000 L

references


Village


Hotel


Logistic center


Tourist farm


Ski resort


Camp


Cottage

Residential house

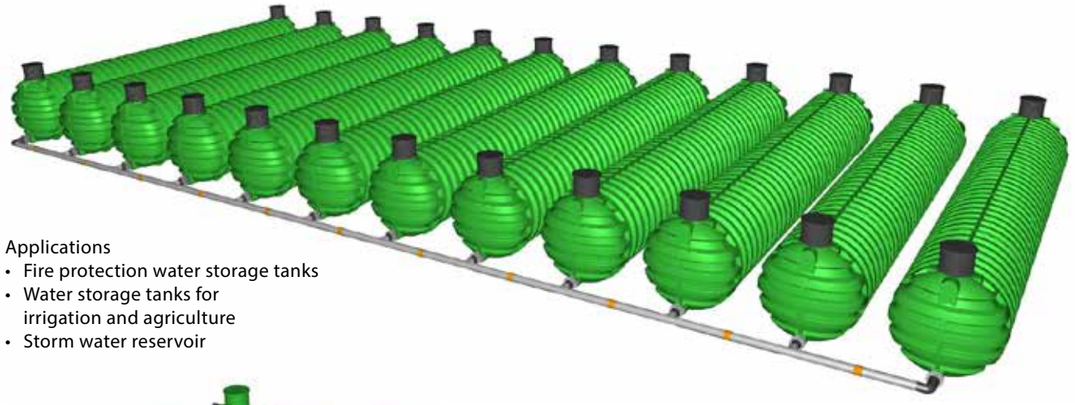

Shopping center


Military base

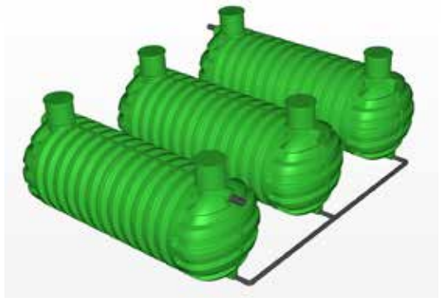

Car wash

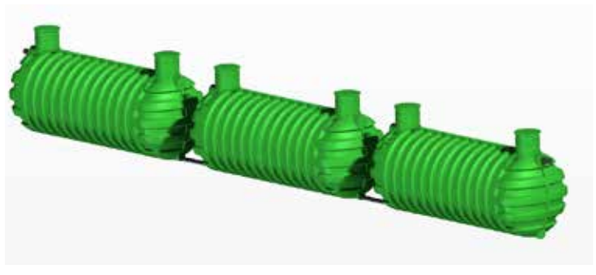
Additional equipment

Connecting tanks

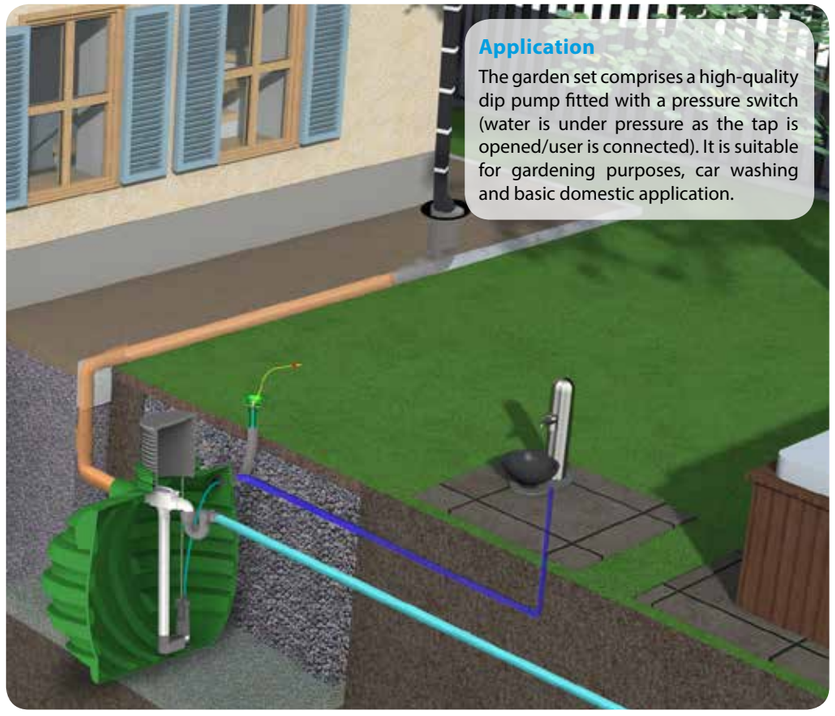


Applications
- Fire protection water storage tanks
- Water storage tanks for irrigation and agriculture
- Storm water reservoir





Rainwater use for gardening and haushold



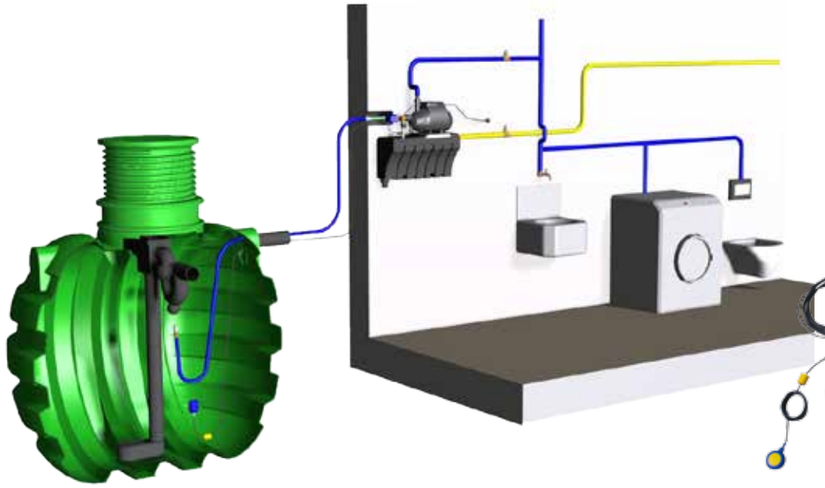
Application

The garden set comprises a high-quality dip pump fitted with a pressure switch (water is under pressure as the tap is opened/user is connected). It is suitable for gardening purposes, car washing and basic domestic application.

Garden kit

Code 6266

- A small garden shaft to which the watering pipe is connected.
- Dip pump: DAB Divertion 1000, fitted with a pressure switch (max. flow: 5.7 m3/h; max. pumping level: 36 m; input power: 900 W; weight: 11 kg, 7-metre electric cable).
- Pressure pipe placed between the pump and the shaft.



House kit

Code 9137

- Household pump set Grundfos flow: 3 m^3/h; max. pressure level: 15 m, max. service pressure: 7.5 bar; input power: 660 W
- Storage tank (used for system security purposes, so the water distribution network is not burdened).
- A float switch fitted with a 15-metre cable.
- A 15-metre vacuuming tube with a float bleed.
- A stainless filter and non-return valve.
- Mixing valve.

Application

The fully automated system ensures rainwater in the house and garden, as toilet water, for the dishwasher and washing machine, for car washing, etc.

Operation

This is a pre-prepared and built-in pump system ready to be connected to the building. A magnetic valve alternates the water source from the rainwater tank to the water distribution system if necessary (e.g. when the tank runs out of water), always giving priority to the tank water. The system is upgraded with a provisional tank used for the water distribution system as the latter is prohibited from being directly burdened with pressure pumps. The pump is cooled by means of cold water, which cannot be heard in other rooms.

Additional equipment for tanks

Additional extension

- A telescopic extension allows adjustment of height according to excavation depth.

code	dimensions (w x h)
6358	Ø400 x 200
6357	Ø600 x 200
5760	Ø600 x 250
6702	Ø800 x 750
1311070	Ø600 x 600
1311069	Ø600 x 600

Rubber washer

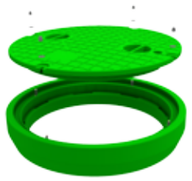
code	dimensions (w x h)
1280302	Ø 50
1280304	Ø 110
1280305	Ø 125
1280323	Ø 160

Ultrasonic Electronic Gauge

- to measure the level of water in the tank
- mounted transmitter unit and a plug in receiver unit
- LCD display

code	dimensions (w x h)
7095	Ø250 x 600

Ring



- Waterproof walkable cover with rubber washer
- Cover has loading capacity up to 200 kg and is according standard DIN 1989

code	dimensions (w x h)
52019	Ø600 × 50

Walk over cover

- PP walkable cover with loading capacity up to 600 kg
- With rubber washer on inner side of cover

code	dimensions (w x h)
1280272	Ø600 × 30

Drive over cover

- Cast iron cover with loading capacity up to 1500 kg
- With rubber washer

code	dimensions (w x h)
1280315	Ø600 × 30

Filters

Rain gutter shaft

- Linking element between the rain gutter and inflow pipes leading to the tank
- Outflow DN 110, 125, 160

code	dimension (mm)
1 7095	Ø250 x 600
2 52008	Ø250 x 600

Shaft filter

- It cleans water before it flows into the tank.
- A stainless grid is inserted in the plastic shaft to extract leaves and twigs from water before it flows
- The filter is closed with a plastic cover.

code	dimensions (w x h)
6591	0400 x 800
6597	0400 x 800 with filter
6596	0400 x 800 without filter
6592	0600 x 800 with filter
6595	0600 x 800 without filter

Rainwater fine filter

- fine filter with inflow 2Xdn110 and outflow DN110 and DN 125
- cleaning water discharged from the roof and from gutters.
- the filter is self-cleaning

code	dimensions (w x h)
9280	0400 x 450
6618	fine filter - duo

Filter system for clean water

- Water station provides good purified water, microbiologically safe and clean.
- Installed at the entrance to the facility, such as a central system for filtration and UV desinfection.
- The water source can be the water system or rain water.

Filter system for sanitary water

- water filtration system for cleaning of water, used in the household,
- cleans mechanical particles, chlorine, taste and odor of water.
- installed device for UV

Filter set

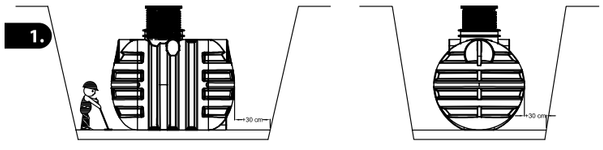
- Inflow/outflow pipe DN110 m
- Self-cleaning filter
- Overflow siphon
- Slow inflow
- Installation

code	dimensions (w x h)
6248	110 x 160 mm

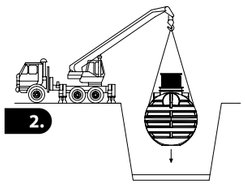
INSTALLATION INSTRUCTION FOR TANKS

Tanks are intended for rainwater, waste and fresh water storage. They are made of polyethylene, material, which is suitable for storing drinking water. Tanks walls are between 8 and 14 mm thick. Horizontal tanks are designed to be buried in the ground. We also have vertical tanks RoCko wich can be placed above the ground.

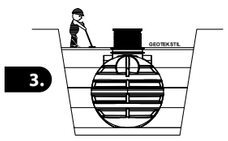
INSTRUCTIONS



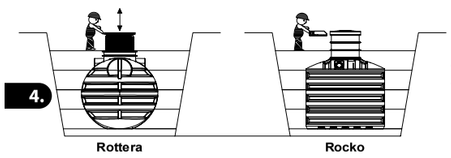
1. The bottom of the construction pit should be from 20 to 50 cm wider than tanks dimensions. It should have quadratic shape with as much as possible vertical walls (depending of the type of soil). Compacted base layer (thickness: 10 - 15 cm) of gravel (grain 4 – 16 mm) should be added to the bottom of the hole and should be horizontally aligned.



2. With the help of ropes we place the tank in the construction pit, as shown on the image. To ensure safety, use 2 - 4 people for this task. Ropes should be placed at 1/3 and 2/3 of tank length. If tank is longer (with capacity 20.000 L or more) than use more ropes. The tank should be placed into construction pit with lift machine or excavator. Be very precise at this task - to prevent damage on the tank. When the tank is placed in the hole, make sure that it is balanced and well aligned.

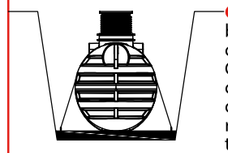


3. When the tank is placed into construction pit, start filling the tank with water and simultaneously the empty space between the tank and walls with gravel (grain 4 - 16 mm). Fill the tank and empty space between the tank and walls till 1/4 of tank height. Continue the same procedure by each quarter up to the top. By doing this simultaneously, you assure equal pressures from both sides.

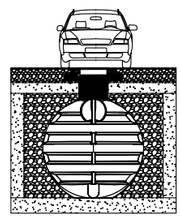


4. Tank can be buried up to 50 cm under the ground, but the plastic cover must be above the final ground level.

SPECIAL BURROWING

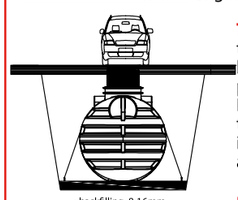


GROUNDWATER: If there is a chance of high groundwater, build a reinforced concrete slab at the bottom of the construction pit (around 25 cm thick, with concrete mark C 25/30). Into concrete slab place anchors bolts with tall collar lifting eye (anchors should be placed at 1/3 and 2/3 of tank length). Tank should be affixed with polyester tow rope. When the tank is fixed, fill the empty space between the tank and walls with concrete to the max. level of groundwater.



NON WATER PARAEMBLE SOILS (COHESIVE SOILS): If we intend to install the tank on a non water permeable terrain (cohesive soils: clay, clayey, silt) we need to make a drainage and route water to lower levels. Otherwise the water can cause additional pressure on the tank.

SLIDING TERRAIN: If we intend to install the tank on a sliding terrain, we have to build a reinforced concrete wall to block additional pressures on tank (dimension set by static engineer).

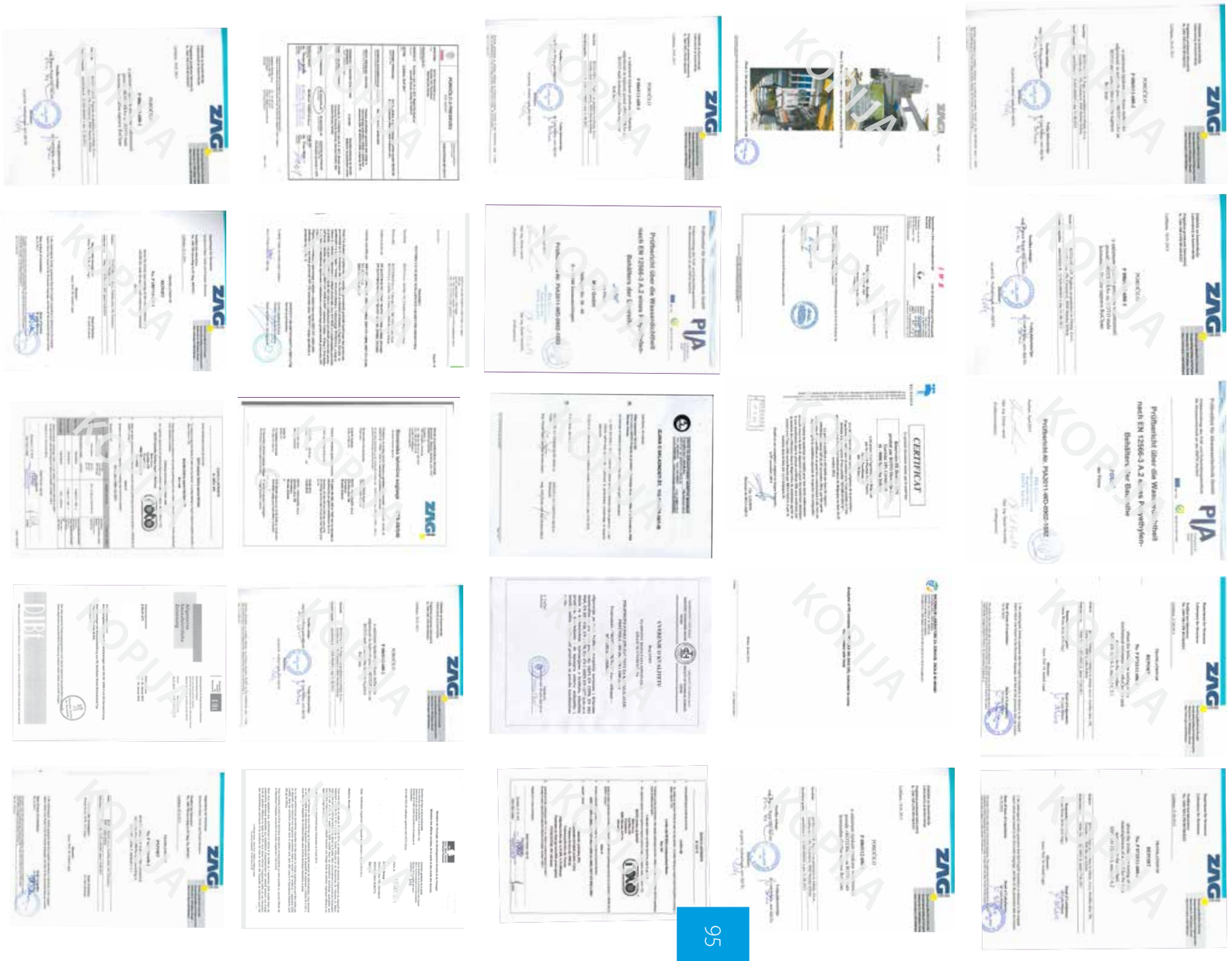


TRAFFICABLESURFACES: If you want surface above the tank to be used as a trafficable area, you need to build reinforced concrete slab to prevent additional pressure on tank (dimension set by static engineer). Plastic cover has loading capacity up to 0,2 kN/m2. If this is not enough, you can place a cast iron cover instead. The ground above the tank should not be used as a trafficable area (by default).

DEEP BURROWING: When we want to bury the tank deeper (from 50 to 100 cm above the tank), we need to build reinforced concrete slab (dimension set by static engineer) across the surface in a way that soil do not cause additional pressure on tanks. If we bury tank deeper than 50 cm, we need to install PE shafts (diameter of 800 mm) on inspection openings.

WARRANTY

The product will work flawless as long as you follow instructions above. Warranty covers all components in the system (eg. septic tank, grease traps, oil separator, etc.). Guarantee for mechanical system parts is valid for two years and guarantee for waterproofness or stability of tanks is 60 months. Guarantee is valid from the date of purchase except. Warranty is attested with both sellers and manufacturers signature and a purchase date. Claim record sand damage assessments are performed by the manufacturer. Warranty does not cover any damage caused by incorrectly construction pits (follow the instructions above). Tanks are not meant to store any types of oil, sand, oil derivatives.



ZAG P 0865/12-680 EN 12566-3
ZAG P 0733/11-680 EN 12566-3
ZAG P 0733/11-460 EN 12566-3
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