

NEW PRODUCT IN THE AQUABIN PORTFOLIO

(category – drainage of water and waste water)

NEW 2023

INFILTRATION TUNNEL 300

The infiltration tunnels 300 are designed to infiltrate wastewater containing contaminants from households into the ground. The infiltration tunnels can also be used for storage and infiltration of rainwater. The tunnels are laid in the ground to form gravity infiltration beds. On the side walls of each tunnel have longitudinal slots – side perforations – which are used to infiltrate rainwater as well as sewage in the ground.

The infiltration tunnel 300 is made of HDPE (high-density polyethylene), injection moulding method. The production method used makes it possible to obtain products with a compact and lightweight construction. Each tunnel has ribbing to reinforce the structure. The height of the tunnel side perforations is 370 mm. The capacity of a single tunnel is 300 litres.

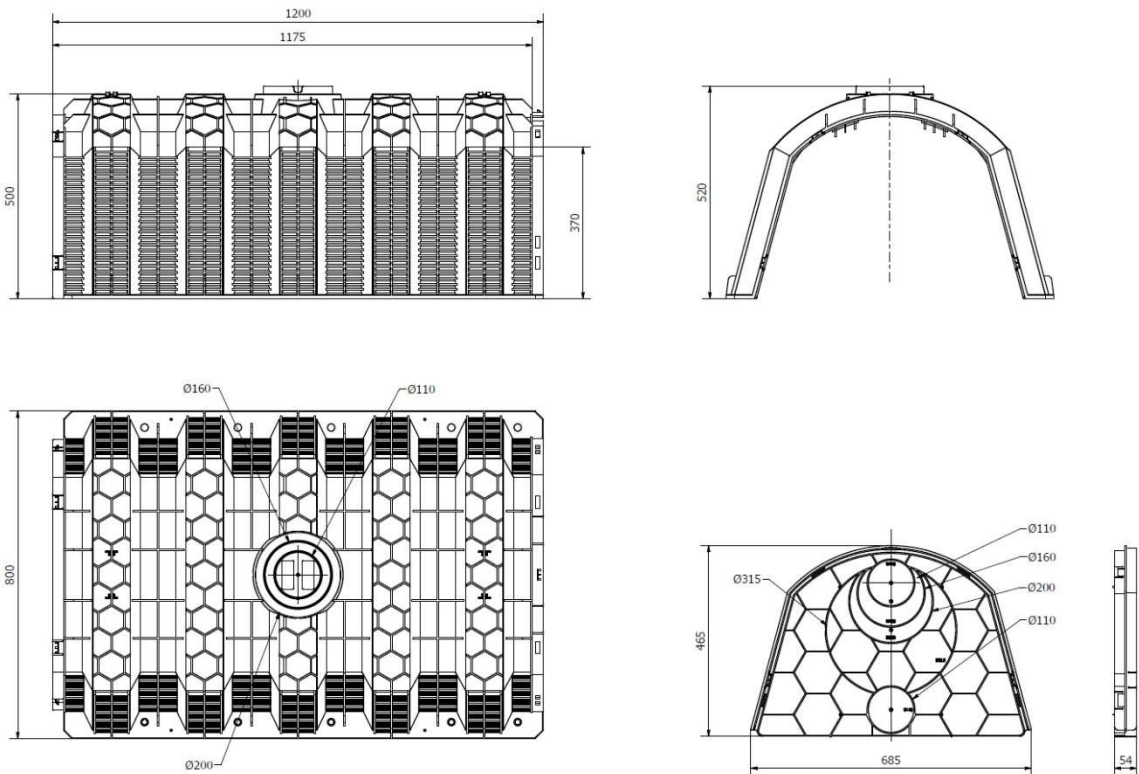


Technical data of the tunnel 300:

Length [mm]	Width [mm]	Height [mm]	Capacity [l]	Weight [kg]	Bottom drainage area [m ²]	Lateral drainage area [m ²]	Total drainage area [m ²]
1200	800	520	300	11,0	1,0	0,9	1,9

Features:

- Made of HDPE – high-density polyethylene,
- For infiltration of sewage and rainwater into the ground,
- Easy installation,
- Convenient transportation,
- Lightweight construction,
- Possibility of combining the tunnels in strings of any length,
- Ventilation connection $\varnothing 110$ / $\varnothing 160$ / $\varnothing 200$ in the upper part of the tunnel,
- Can be installed in areas with car and truck traffic,
- Resistance to chemical corrosion,
- High mechanical resistance,
- The new generation of traditional drainage.



END PLATE 300

The end plate for infiltration tunnel 300 is designed to be installed at the beginning as well as at the end of each line of the bed. The end plate is mounted to the tunnel 300 by means of dedicated snaps. The end plate is equipped with two $\varnothing 110$ and one each of $\varnothing 160$, $\varnothing 200$, $\varnothing 315$ mm connections.

The infiltration bed of the infiltration tunnels should be equipped with an aeration system at its end. This can be done by using the connection located on the top wall of each tunnel or by using the top connection in the closing end plate.

The end plate of infiltration tunnel 300 is made of HDPE (high-density polyethylene), using the plastic injection moulding method. The production method used results in a compact and lightweight structure. Each end plate has ribs to reinforce its structure.



Technical data of the end plate 300

Length [mm]	Width [mm]	Height [mm]	Capacity [l]	Weight [kg]	Bottom drainage area [m ²]	Lateral drainage area [m ²]	Total drainage area [m ²]
54	685	465	-	2,1	-	-	-

Features:

- Made of HDPE – high-density polyethylene,
- For infiltration of sewage and rainwater into the ground,
- Easy installation,
- Convenient transportation,
- Lightweight construction,
- Inlet connections in the end plate with diameters $\varnothing 110$, $\varnothing 160$, $\varnothing 200$, $\varnothing 315$,
- Can be installed in areas with car and truck traffic,
- Resistance to chemical corrosion,
- High mechanical resistance,
- The new generation of traditional drainage.



NAME	CODE:	EAN:
Infiltration tunnel 300	2600	5901095526008
End plate 300	2601	5901095526015