

**Wavin**  
Attenuation & Infiltration

# Q-Bic Plus Low Carbon

The sustainable solution



An Orbia business.



# Sustainable rainwater management

**Mastering heavy rain events is the greatest challenge in rainwater management – and the best flood protection. With Wavin's infiltration and retention solutions, precipitation peaks become manageable, and the risk of flooding is minimized.**

Wavin Q-Bic Plus LC is the innovative and sustainable solution for efficient, decentralized rainwater management. With a durable and efficient design, Wavin engineers have developed a modular infiltration and retention system that already meets future requirements.

Made from polypropylene that is 100% circular, the system offers excellent and consistent material properties, ensuring a long lifespan. Wavin Q-Bic Plus LC continues to set the highest standards in design freedom, installation speed, and accessibility.



## Reducing the carbon footprint

The Q-Bic Plus unit, made from 100% circular polypropylene, offers a sustainable solution by significantly lowering the carbon footprint. Here's why choosing the low-carbon Q-Bic Plus is beneficial:

- **Reducing carbon footprint:** Utilizing circular feedstock, it cuts CO<sub>2</sub> emissions by 80% compared to traditional new fossil raw materials, directly reducing your project's Global Warming Potential. This is supported by the Q-Bic Plus LC (low carbon) Environmental Product Declaration (EPD), which verifies its lower environmental impact.

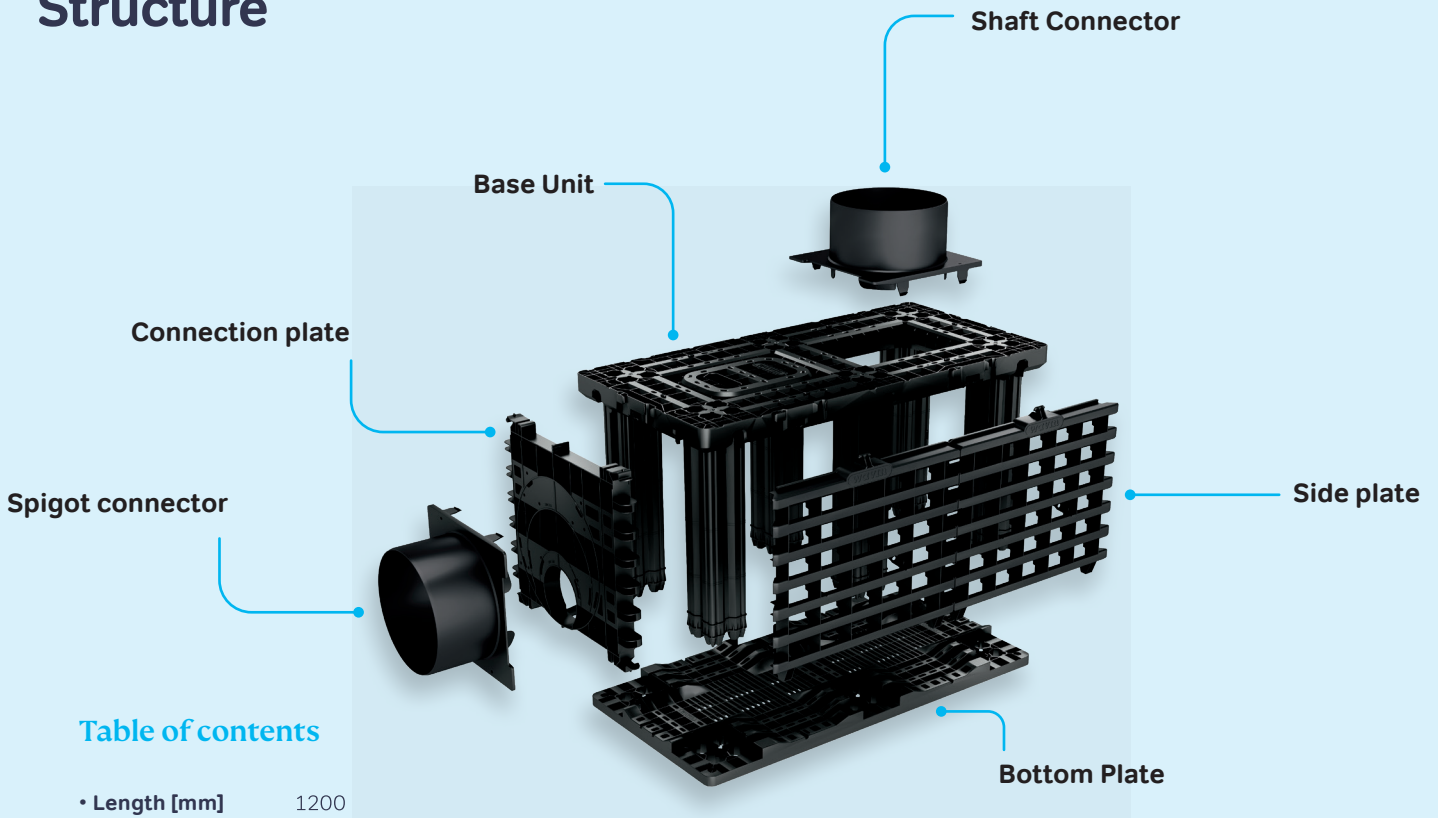
- **Resource Conservation:** By using circular materials, we reduce waste and save natural resources, aligning with the need for a circular economy. This approach helps in tackling the depletion of natural resources and maintains materials in use, minimizing waste.





# Wavin Q-Bic Plus LC

## Structure



### Table of contents

• Length [mm]	1200
• Width [mm]	600
• Height [mm]	600
• Void ratio [%]	95-96%
• General Material	Recycled PP
• Color	Black
• Connectors	Integrated



### Design freedom

- ⦿ Any shape to fit site constraints
- ⦿ 0,6 to 3,0 meter high
- ⦿ Installation depth < 5m
- ⦿ Connect pipes and shafts anywhere you want
- ⦿ Fewer vertical access points due to bi-directional inspection channels

### Total Access

- ⦿ Most open tank design on the market  
Inspection access inlets and outlets can be placed in almost any position
- ⦿ Access at every layer
- ⦿ Open structure to clean geotextile wrap
- ⦿ Inspection & cleaning  
Ensure optimal tank capacity throughout its lifetime
- ⦿ Unobstructed entry for any CCTV or cleaning nozzle
- ⦿ Wide access of 370mm guided channels
- ⦿ 70% open floor space allows
- ⦿ Bi-directional access

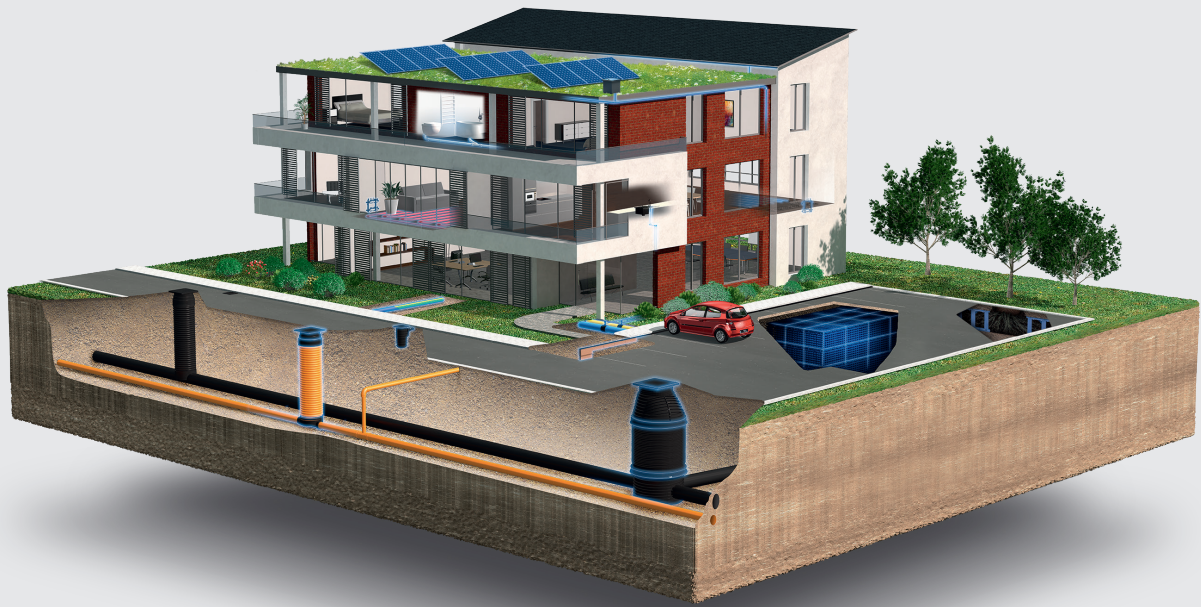
### Fast-Installation

- ⦿ Integrated push-fit connectors
- ⦿ No separate connection clips or pins
- ⦿ Light weight with 420L net volume in 14kg
- ⦿ Ergonomic and safe with dedicated handgrips and walkable top deck
- ⦿ Fast and easy making access and discharge points



# Discover our broad portfolio at wavin.com

- Urban climate resilience solutions
- Waste water drainage
- Indoor climate solutions
- Drinking water distribution



Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges. We are bound by a common purpose: To Advance Life Around the World.

## Building & Infrastructure



Orbia's Building and Infrastructure business Wavin is an innovative solutions provider for the global building and infrastructure industry. Backed by more than 60 years of product development experience, Wavin is advancing life around the world by building healthy, sustainable environments for global citizens. Whether it's to improve the distribution of clean drinking water, to make sanitation accessible for everyone, to create climate resilient cities, or to design comfortable living spaces, Wavin collaborates with municipal leaders, engineers, contractors, and installers to help future-proof communities, buildings and homes. Wavin has 12,000+ employees around 65 production sites worldwide, serving over 80 countries through a global sales and distribution network.

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