

AquaAirbox™

Product

AquaAirbox™ is a multi-operable cassette system that can be used both as a fascine or a gabion for delaying the movement and percolation of rainwater as well as an irrigation and breather system for green infrastructure, such as green roofs, trees in cities, rainwater beds or other similar purposes.

Each cassette has the possibility to connect to a 110 mm outlet, and can be inspected and cleaned via a specially-designed dedicated cleaning channel.

Width: 400 mm

Length: 800 mm

Height: 150 mm (also available in 40, 80 og 110 mm)

Material: 100% recyclable PP

Volume: 44 liter

Allowed load: 1000 kN/m²

Use

AquaAirbox™ can be used for delaying and percolation of rainwater, plus it is ideal for locations where the water table is high or where the fascine/gabion must be close to the surface it covers.

The cassette can also be used as an irrigation and breather system for trees that have been planted in a paving with a dense surface layer. It makes it possible to use collected surface or roof water for the watering of the trees.

Furthermore, it can be used as a delay mechanism in connection with green roofs. The cassette is installed on top of a waterproof membrane, after which the top roof layer is installed on top of the cassette.

Description

The multi-operable cassette system is made from 100% recycled PP. Each cassette is divided into two parts with a total height of 150 mm. There is a cleaning channel in the middle of the assembled module; it allows for inspections, cleaning and servicing/maintenance via a 110-mm connection. The maximum permissible load is 1,000 kN/m².

