

Product Data Sheet

Aquatec® AT 45

Order No. 3345



Water distribution element made of thermoformed plastic for use in combination with the Wicking Mat DV 40 and dripperlines to be clipped directly into the element.



Technical Data

Aquatec® AT 45

Water distribution, storage and drainage element made of thermoformed recycled hard plastic, developed especially to be used in combination with the Wicking Mat DV 40. The basic principle is the distribution and storage of water in the cells of the elements. The water will be transported upwards by capillarity of the Wicking Mat when needed. The water supply takes place via special dripperlines. These can be "clipped" into the division bars of the elements without any tools. The elements can be connected via special studs along one of the long and narrow sides.

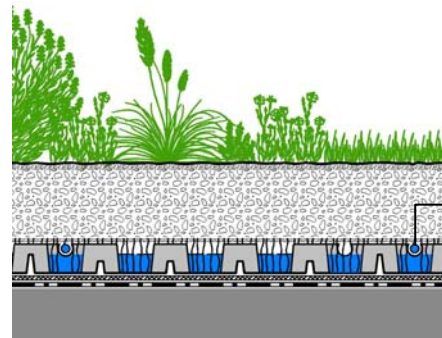
Material:	ABS (Acrylonitrile-Butadiene-Styrene)
Colour:	black
Height:	ca. 45 mm
Weight:	ca. 2.0 kg/m ²
Compressive strength at 10 % compression:	ca. 138 kPa
Water storage volume:	ca. 17 l/m ²
Dimensions:	ca. 1.02 x 2.02 m (net 1 x 2 m)

Features

- developed especially for the irrigation of green roofs in combination with the Wicking Mat DV 40
- water saving in comparison to irrigation from above or dripperlines installed within the substrate
- can be used on roofs without slope, low-slope roofs (up to about 5°) and inverted roofs
- reduced weight as there is no need to fill the elements
- dripperlines are easily installed by simply "clipping" them into special holders in the division bars of the element
- the water supply can be regulated by a control unit as required

Application Example

Intensive Green Roof Type "Roof Garden" with Aquatec® AT 45



Plant layer: lawn, perennials and small shrubs (over substrate mounds)

System Substrate "Sedum Carpet", 100-150 mm with a Zincohum® top layer, 15 l/m²

Dripperline 100-L1

Wicking Mat DV 40

Aquatec® AT 45

Filter Sheet PV

Roof construction with root resistant waterproofing

Specification Suggestion

Element for water distribution, storage and drainage made of thermoformed ABS hard plastic, weight ca. 2.0 kg/m², height ca. 45 mm, water storage capacity ca. 17 l/m², with integrated holders for dripperlines and connecting nubs, delivery, installation and

implementation of dripperlines according to manufacturer's instructions.

Make: ZinCo Aquatec® AT 45

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