

# Product Data Sheet

## Wicking Mat DV 40

Order No. 2160 / 2165



Water distributing fleece with capillary-effective fibres on one side, for the use in combination with Aquatec® AT 45 - elements.



### Technical Data

#### Wicking Mat DV 40

Water distributing polyester fleece with capillary-effective fibres on one side, developed especially for the use in combination with the water distribution, storage and drainage element Aquatec® AT 45 for efficient irrigation of green roofs. The principle of irrigation via a fleece with capillary-effective fibres is protected by patent.

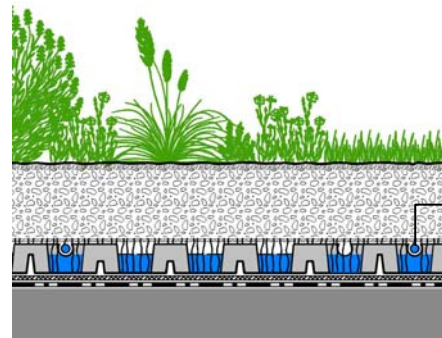
<b>Material:</b>	polyester
<b>Colour:</b>	white (fleece) grey (fibres)
<b>Weight:</b>	ca. 600 g/m <sup>2</sup>
<b>Fibre length:</b>	ca. 40 mm
<b>Dimensions:</b>	
<b>Roll width:</b>	ca. 2.10 m (of which ca. 100 mm on one side has a fibre-free edge for overlapping)
<b>Roll length:</b>	Order No. 2160 ca. 25.00 m Order No. 2165 ca. 10.00 m

### Features

- developed especially for the irrigation of green roofs in combination with the water distribution, storage and drainage element Aquatec® AT 45
- water saving in comparison to irrigation from above or dripperlines installed within the substrate
- number and suction effect of fibres adapted to the special requirements of simple intensive green roofs
- quick and easy installation from the roll
- 100 mm wide strip without fibres for neat installation in overlapping areas

### 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/m<sup>2</sup>

Dripperline 100-L1  
Wicking Mat DV 40

Aquatec® AT 45

Filter Sheet PV

Roof construction with root resistant waterproofing

### Specification Suggestion

Polyester fleece with capillary-effective fibres on one side; weight 600 g/m<sup>2</sup>, fibre length 40 mm, suction and number of fibres adapted to the requirements of simple intensive green roofs, delivery and installation with 100 mm of overlap on the entire area

covered with Aquatec® AT 45 water distribution, storage and drainage elements.

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