

Product Data Sheet

Aquafleece AF 300

Order No. 2120



Capillary-effective fabric, attached to tear-resistant woven fabric, for its use in irrigated extensive green roof build-ups.

1. During irrigation, water is being distributed over the entire surface due to capillarity
2. Then, at water saturation, precipitation can flow (almost) freely through the sheet.

Technical Data

Aquafleece AF 300

Highly capillary-effective fabric, attached to tear-resistant woven fabric, in particular for its use in conjunction with dripperlines in irrigated extensive green roof build-ups.

Filter Sheet:

Material: Polyester and polypropylene
Colour: green
Water absorption capacity: ca. 3–4 l/m²

Woven fabric:

Material: Polypropylene and minor aggregates
Colour: black

Tensile strength (200 mm) according to EN ISO 10319 lengthwise / crosswise: ca. 19.0 / 15.0 kN/m

Tensile extension lengthwise / crosswise: ca. 21 / 17 %

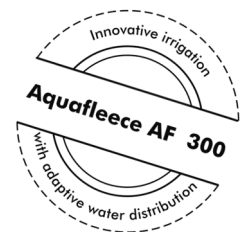
Flow rate: ca. 20 l/(m²·s)

Total weight: ca. 300 g/m²

Total thickness: ca. 2.4 mm

Roll width: ca. 2.10 m

Roll length: ca. 50.00 m

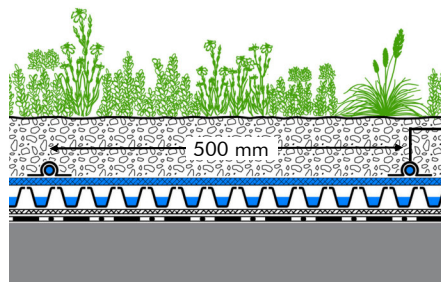


Features

- quick water distribution due to high capillarity
- filter stable
- tear-resistant due to carrier material made of woven fabric
- applicable in conjunction with Dripperlines 500-L2 in irrigated extensive green roofs
- the dripperlines are to be fastened to the sheet via hook & loop tape
- quick and easy installation
- non-rotting

Application Example

"Irrigated Extensive Green Roof" with Aquafleece AF 300



Plant community "Rockery Type Plants" or "Country Colours"

System Substrate "Rockery Type Plants", from 80 mm Dripperline 500-L2, fastened by means of hook and loop tape

Aquafleece AF 300

Drainage element (e.g. Floradrain® or Floraset®) corresponding Protection Mat

Roof construction with root resistant waterproofing

Specification Suggestion

Capillary-effective fabric made of polyester and polypropylene, water absorption capacity ca. 3–4 l/m², attached to a woven fabric made of polypropylene and minor aggregates, water permeability ca. 20 l/(m²·s), tensile strength (lengthwise/crosswise) ca. 19.0 /

15.0 kN/m; total weight ca. 300 g/m²; total thickness ca. 2.4 mm; delivery and installation to manufacturer's instructions.

Make: Aquafleece AF 300

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