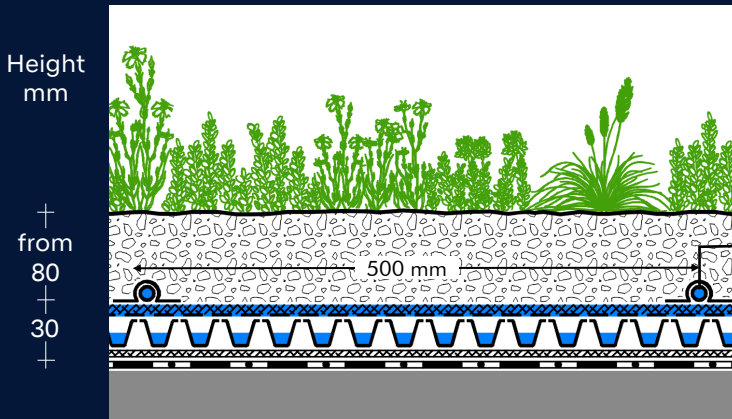
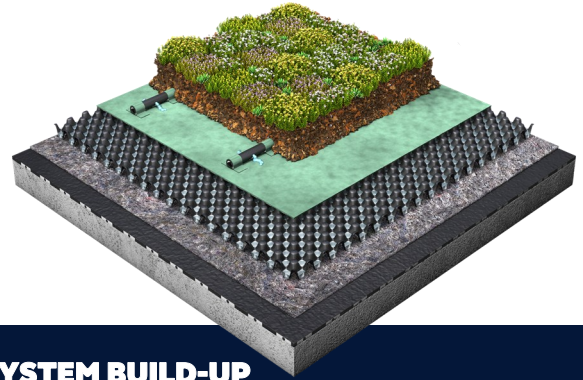


SYSTEM DATA SHEET

“IRRIGATED EXTENSIVE GREEN ROOF” WITH FLORADRAIN® FD 25-E

FOR REGIONS WITH LONG DRY PERIODS



Build-up height:	from ca. 110 mm *
Weight, at max. water capacity:	from ca. 125 kg/m ²
Water storage capacity:	from ca. 41 l/m ²

SYSTEM BUILD-UP

Plant community “Rockery Type Plants” or “Country Colours”
System Substrate “Rockery Type Plants”, from 80 mm

Dripperline 500-L2,
fastened by means of hook & loop tape

Aquafleece AF 300
e.g. Floradrain® FD 25-E *
Protection Mat SSM 45

Roof construction with root resistant waterproofing

DESCRIPTION/COMMENTS:

- Biodiversity and long-term greening success are achieved through targeted underground irrigation.
- Irrigation takes place via special dripperlines which are fastened with a hook & loop tape to the Aquafleece AF 300 at a distance of 500 mm; they are supplied with water by the Irrigation Manager BM 2000 as required. Further elements such as water supply pipe, flush pipe and connectors are needed in addition.
- We'll be glad to support you with any questions regarding planning and material requirement.
- Relatively low water consumption, due to the fact that water is being distributed throughout the Aquafleece AF 300 (innovative irrigation with adaptive water distribution) and is fed to the plants from below.
- Applicable on 0°-roofs as well as on roofs with an inclination of up to 5°.
- An appropriate drainage layer is chosen according to the inclination and, if applicable, the amount of standing water at the level of the waterproofing. Possible and useful options are e.g. Floradrain® FD 25-E /FD 40-E or Floraset® FS 50 / FS 75, on large roof areas also Fixodrain® XD 20.
- The plant community “Rockery Type Plants” is applied as plug plants.
- The plant communities “Rockery Type Plants” and “Country Colours” are designed for average central European climatic conditions. If different climatic conditions are given, the plant choice needs to be adapted.
- If waterproofing is not root resistant an additional root barrier is required: Root Barrier WSF 40
- The indicated weights do not include the weight of the vegetation, see [Info Sheet Green Roof Ballast](#).

* If a different type of drainage element is used, the build-up height is reduced or increased correspondingly.

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