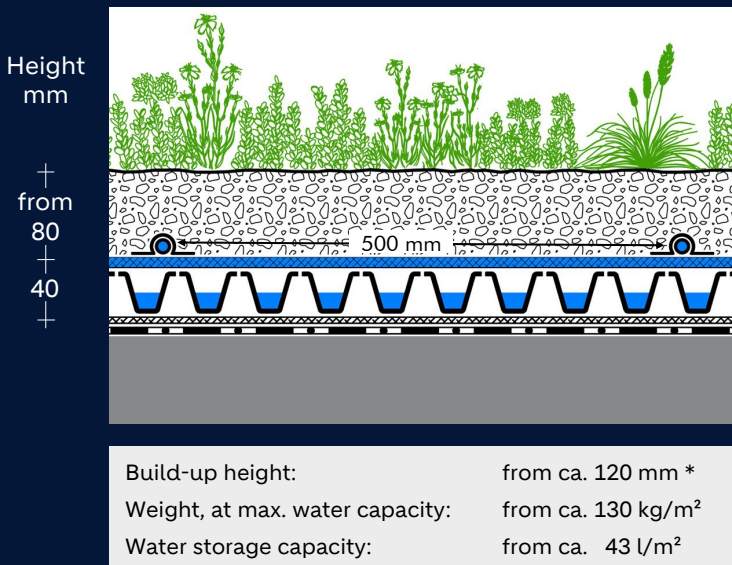
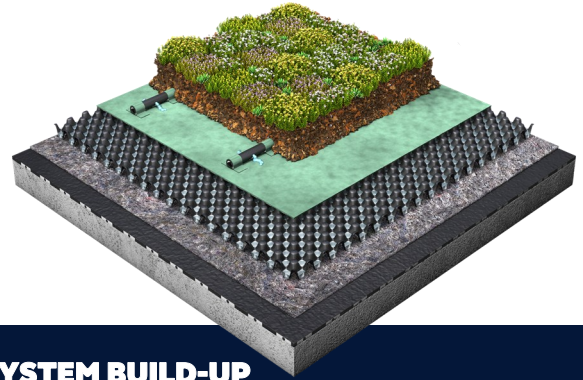


SYSTEM DATA SHEET

“IRRIGATED EXTENSIVE GREEN ROOF” WITH FLORADRAIN® FD 40-E

FOR REGIONS WITH LONG DRY PERIODS



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 40-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 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.
 - It is possible to seed grasses / herbal mixtures during favourable seasons. For this purpose, a top layer with 10 l/m² of Zincohum® is applied.
 - 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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