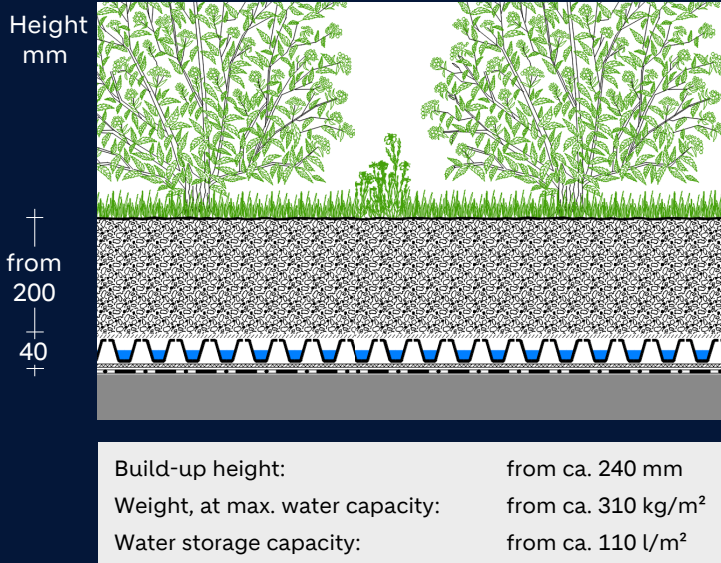


SYSTEM DATA SHEET

“ROOF GARDEN“

WITH FLORADRAIN® FD 40-E



SYSTEM BUILD-UP

Lawn, perennials, with deeper substrate layers also shrubs and small trees
System Substrate “Roof Garden” resp. System Substrate “Lawn”
(in case of substrate depths > 350 mm in combination with mineral sub-substrate Zincolit® Plus)
Filter Sheet TG
Floradrain® FD 40-E
Protection Mat ISM 50

Roof construction with root resistant waterproofing

DESCRIPTION/COMMENTS:

- This system build-up is used for build-up heights > 400 mm. In case of a low load reserve and/or a low build-up height, the Filter Sheet TG can be replaced by Aquafleece AF 300 plus dripperlines to enable an underfloor irrigation, see e.g. system data sheet “Roof Garden with Aquafleece irrigation for low build-up heights”. It is possible to combine both options on one roof surface.
- Multifunctional green roof build-up for lawn, perennials and with deeper substrate layers also shrubs and small trees.
- Applicable on 0°-roofs and on roofs with a slight inclination of up to ca. 8°.
- Various design options, also in combination with walkways or terraces.
- An additional irrigation from above should be ensured until the plants are established and in case of extended dry periods.
- Profiled drainage and water storage element made of polyethylene for intensive and extensive green roofs.
- The drainage capacity exceeds the requirements of the German Standard DIN 4095.
- Please check the necessity of a fall protection system.
- Please note: the build-up described above is suitable for the moderate continental climate of Central Europe. For information on possible adaptations for other climates please contact the Zinco Technical Department.
- According to European Technical Assessment ETA-13/0668.
- If waterproofing is not root resistant an additional root barrier is required: Root Barrier WSB 100-PO
- The indicated weights do not include the weight of the vegetation, see [Info Sheet Green Roof Ballast](#).

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Subject to technical alterations and printing errors • First edition 12/2012; Revised 10/2024

