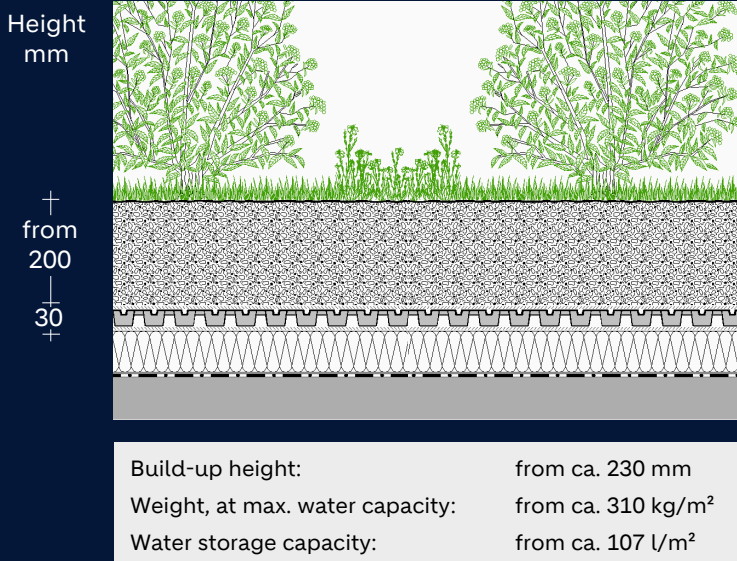


SYSTEM DATA SHEET

“ROOF GARDEN ON AN INVERTED ROOF” WITH STABILODRAIN® SD 30



SYSTEM BUILD-UP

Lawn, perennials, with deeper substrate layers also shrubs and small trees

System Substrate “Roof Garden”, up to 350 mm (in case of substrate depths > 350 mm in combination with mineral sub-substrate Zincolit® Plus)
Filter Sheet TG
Stabilodrain® SD 30
Separation Membrane TGV 21
XPS Thermal insulation

Roof construction with root resistant waterproofing

DESCRIPTION/COMMENTS:

- Extremely stable drainage and water storage element made of thermoformed polystyrene.
- Special connecting studs along the longitudinal board's edges allow for an interlocking of single SD 30 elements.
- In green areas the SD 30 is installed with its studs facing down, the water storage capacity then is approx. 7.5 l/m².
- The drainage capacity meets the requirements of German Standard DIN 4095.
- Stabilodrain® SD 30 can also be used in walkways and driveways; then the drainage element is installed with its studs facing up. The infill volume between the studs is approx. 20 l/m².
- 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.
- If waterproofing is not root resistant an additional root barrier is required: Root Barrier WSB 100-PO (directly on top of the waterproofing)!
- The indicated weights do not include the weight of the vegetation, see [Info Sheet Green Roof Ballast](#).

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