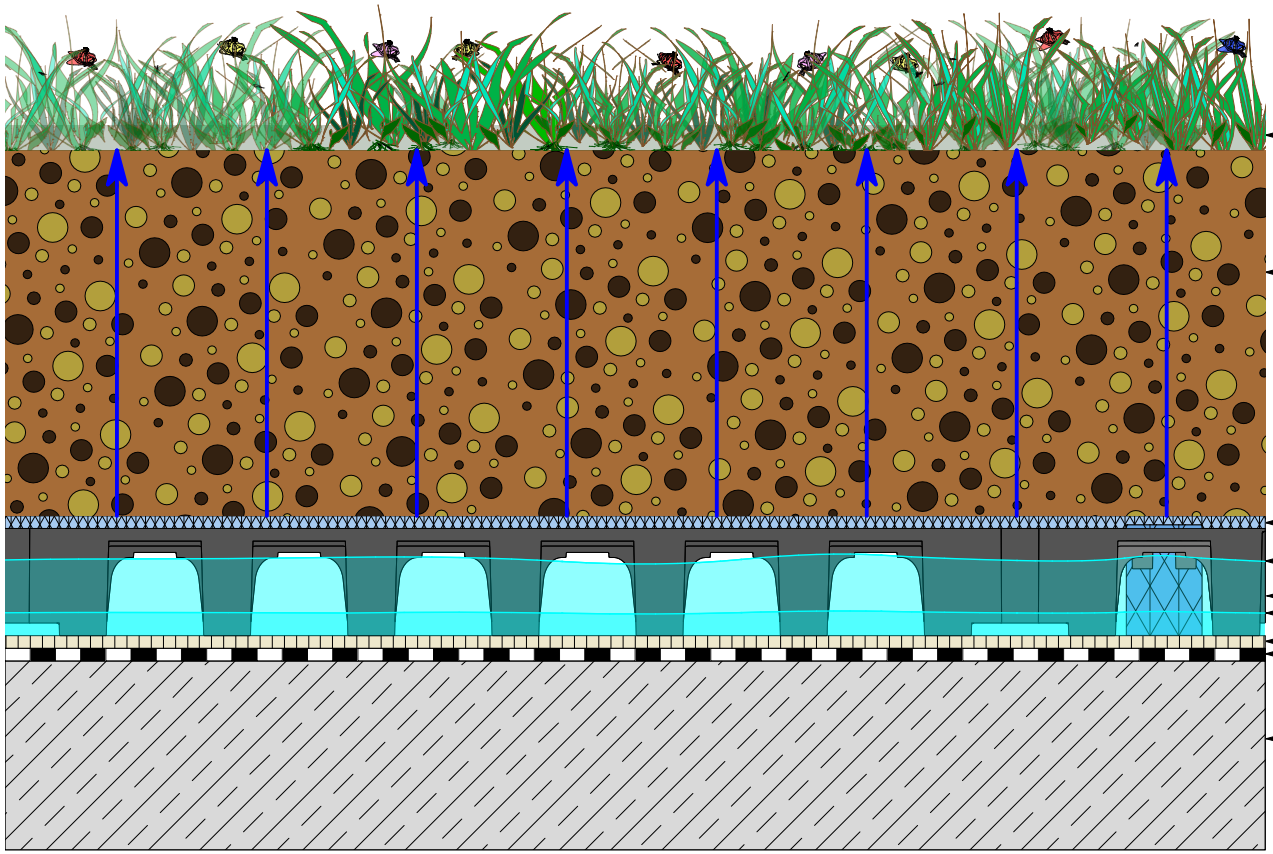
System Section "Optigrün Retention Roof Flow Control intensive"

Retention Roof, intensive greening
Optigrün Water Retention Box WRB 85



- Vegetation layer
- Optigrün Intensive Substrate i (min. 230 mm)
  alternatively: Optigrün Lawn Substrate
  (min. 200 mm)
  Optigrün Aeration Substrate U,
  (> approx. 300 mm depth)
- Optigrün Filter and Capillary Fleece FIL 200K
- Temporary water volume
- Optigrün Water Retention Box WRB 85 with Capillary Bridges
- Permanent water volume
- Optigrün Protection and Storage Fleece RMS 900
- Water proofing membrane (root resistant according to FLL)*
- Suitable substructure*

Note

Retention volume: Temporary as well as permanent retention volume has to be clarified with structural engineer.

Emergency Overflow: The emergency overflow has to be placed above the top edge of the water retention box.

* According to national regulations

OPTIGRÜN® ROOF GREENING

The depicted solution is intended for use with green roof systems. Other construction tradework is simplified in this representation and should be constructed according to current industry standards. Optigrün reserves the right to make changes to its product solutions.

Approved:	EN		drawn by:	scale:	update:	Rev.:	Detail-No.:
OBU, DB, HVO		O	MH	not to scale	6.12.24	7	RDD2.1000_UgD_INT

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