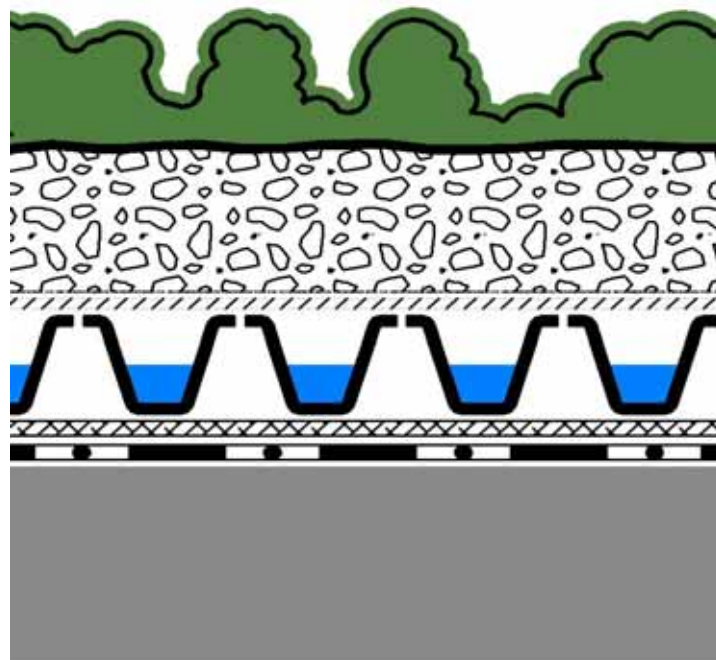




# System Build-up 'Heathland'

with Floradrain® FD 40-E

weight kg/m <sup>2</sup>		height mm
dry	water saturated	
89	112	80-100
-	-	
112	140	
2	10	45
91	122	
-	-	
114	150	



**Plant community 'Heathland'**  
at least 16 plug plants per m<sup>2</sup>

**System Substrate**  
'Zincoblend E', depth: ca. 80 (-100) mm

**Filter layer** Filter Sheet SF

**Drainage element**  
Floradrain® FD 40-E

**Protection layer**  
Protection Mat SSM 45

**Roof construction** with root resistant waterproofing

Note:  
**Root Barrier** WSF 40 additionally if waterproofing is not root resistant

<b>Build-up height:</b>	<b>from 125 to 145 mm</b>
<b>Water saturated weight:</b>	<b>from 132 to 160 kg/m<sup>2</sup> (including vegetation)</b>
<b>Water retention capacity:</b>	<b>from 39 to 46 l/m<sup>2</sup></b>

## Benefits & Considerations

- For Slopes from 0° up to 10°.
- Ecological protection layer in lieu of gravel coverings.
- Requires minimum care and attention.
- For roofs with puddles and for slopes up to 10°.
- High drainage capacity during storm events or for long distances to drainage points.
- Maximised water storage in retention cups of Floradrain® FD 40-E drainage element.
- 40 mm high drainage element creates a physical distance to ponding water on 0° roofs and allows shallow extensive build-ups without wet areas.
- One build-up fits any extensive green roof situation.
- Drip irrigation may have to be incorporated into this build-up depending on climatic condition.
- Implementation of plant community possible as plug plants or pre-cultivated vegetation mats.