

SAFETYPRO GREENSEC ANCHOR DEVICE

June 2022



DESCRIPTION

Ballasted fall protection system for green roofs or gravel roofs, ensures the safety of people working at heights.

APPLICATION

The SafetyPro greenSec fall protection system for extensive and intensive green roofs or gravel roofs up to 7° or 5°. Can be installed as a single point fall protection system with a ballast layer of 75 kg/m² or 80 kg/m².

PERFORMANCE

Forces according to EN 795:2012

Static	12+2 kN
Dynamic	9+1 kN
only with PPE EN363	6 kN (max)

BENEFITS

- ✓ Waterproofing layer remains intact as the system does not require any mechanical fixation to the roof structure
- ✓ Thermal bridge-free solution as fixation elements are not necessary for installation
- ✓ All system components are made of high quality corrosion resistant materials
- ✓ Simplified and reduced amount of components
- ✓ Can be used with temporary cable as a horizontal lifeline system
- ✓ Ideal for building refurbishment, can be installed on already existing waterproofing without drilling the waterproofing membrane
- ✓ Applicable for mountainous regions with high snow fall possibility
- ✓ Easy reassembly after vandalism, misuse and unforeseen environmental damages
- ✓ Tested in accordance with European standards EN 795:2012 and CEN/TS 16415:2013

SPECIFICATIONS

Property	Unit	Value
Geotextile size	cm	300 × 300
Base disc diameter	cm	55
Maximum roof angle	°	greenSec: 7 / greenSec-E*: 5
Material		composite sandwich, stainless steel
Maximum number of users	person	1+1
Recommended roof layer weight	kg/m ²	greenSec: 75 / greenSec-E*: 80
Minimum roof size	cm	450 × 450
Recommended distance to roof edge	m	2,5

All dimensions are nominal

*only in Germany



System documentation

The SafetyPro system documentation is the normative when installing the system.



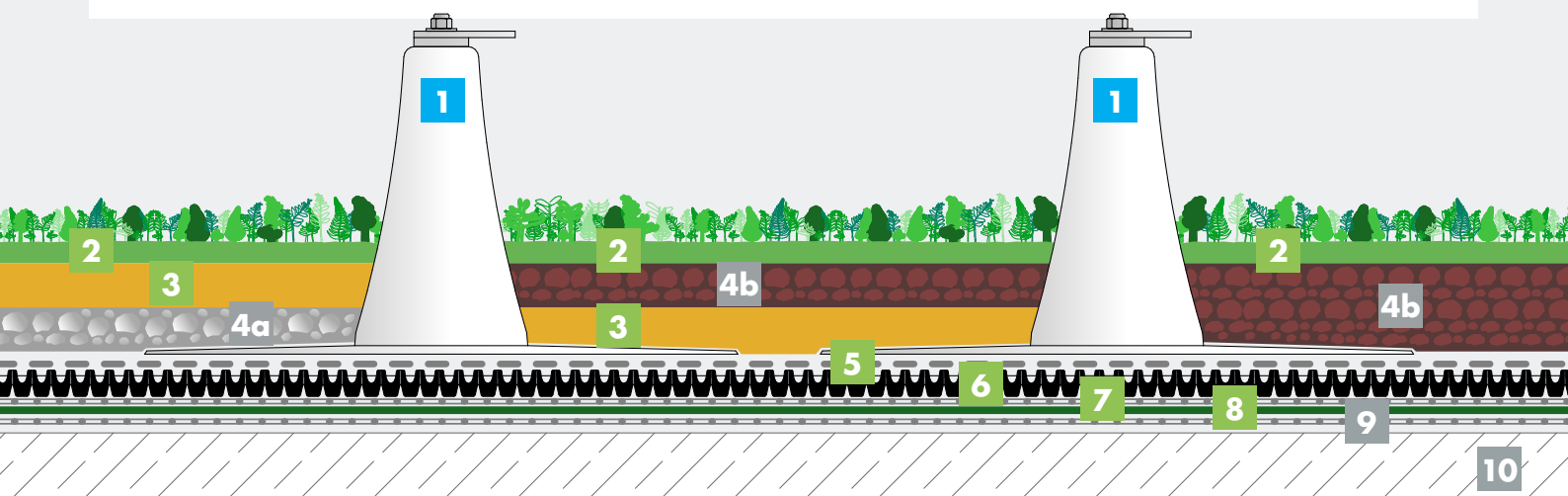
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BUILD-UP



- 1** SafetyPro greenSec anchor device
- 2** Urbanscape® Sedum-mix Blanket
- 3** Urbanscape® Green Roll
- 4** Ballastmaterial (**4a** gravel, **4b** substrate)
- 5** Urbanscape® Geotextile 110
- 6** Urbanscape® Drainage with buffer
- 7** Urbanscape® Geotextile 300-REC
- 8** Urbanscape® Root Membrane USRM500*
- 9** Waterproofing membrane
- 10** Roof base structure

*Optional

COMPONENTS



SAFETYPRO GREENSEC
PLATFORM ELEMENT



SAFETYPRO ANCHOR POINT HEAD
AND CONNECTOR SET



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