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**GREEN ROOFS DIRECT**

# **Extensive Ultra Light Weight Sedum Roof Build**



# Sedum Shed Roof Build Up Specification

**Consisting of:** Protective Fleece, Growing Medium and Pre Grown Sedum Blanket

## Filter Fleece:

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### EN 9864

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#### Static puncture

**Drainage layer:** 2100 g/m<sup>2</sup> (- 120 g / + 100 g)

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**Filter fleece:** 145 g/m<sup>2</sup> (- 3 g / + 5 g)

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### EN 12236

**Drainage layer:** 1800 N

**Filter fleece:** 1600 N

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#### Water permeability

EN 11058

#### normal to the plane

**(V H50)** 0.11 m/s ( $\pm$  0.01)

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## Application Conditions / Limits:

Temperature The use of Drainage Layer 30 is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.

## Growing Medium:

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<b>Install</b>	20mm multi-layer extensive roof substrate composed of mineral bulk mixture with a proportion of mineral and organic matter.
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<b>Total pore volume</b>	> 60-70 Vol %
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<b>Max water capacity</b>	≥ 35% Vol
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### Key data

Dry weight approx.	≤ .75 g/cm <sup>3</sup>
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Water saturated	≤ 1.4g/cm <sup>3</sup>
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<b>Organic content</b>	≥65 g/L
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<b>pH value</b>	5.8-7.9
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<b>Water permeability</b>	≥ 0.6 mm/min
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<b>Compression factor</b>	1,2
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## Vegetation Layer:

Please see data sheet for information

## Ecology, Health and Safety Information

The product does not fall within the EC-regulation of hazardous goods. As a result, a material safety data sheet following EC-Guideline 91/155 EWG is not needed to bring the product to the market, transport or use it. The product does not damage the environment when used as specified.