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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:

EN 9864

Static puncture

Drainage layer: 2100 g/m² (- 120 g / + 100 g)

Filter fleece: 145 g/m² (- 3 g / + 5 g)

EN 12236

Drainage layer: 1800 N

Filter fleece: 1600 N

Water permeability

EN 11058

normal to the plane

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

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:

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

Dry weight approx.	≤ .75 g/cm ³
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Water saturated	≤ 1.4g/cm ³
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Organic content	≥65 g/L
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pH value	5.8-7.9
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Water permeability	≥ 0.6 mm/min
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Compression factor	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.