

Data Sheet

Structure and Storage Fleece Type SSV 800

Plastic fleece for use on sloping green roofs as a protective layer with water storage function and ribbed structure on the underside to drain excess water



Technical details and properties:

Material:	100% plastic fibre
Nominal thickness:	Approx. 10 mm
Surface weight:	Approx. 800 g/m ²
Colour:	Green/white
Geotextile robustness class:	GRC 3

Specific properties:

Water storage capacity:	Approx. 6 L/m ²
UV resistant:	Yes
Detector tested:	Yes
Puncture resistance:	Approx. 1500 N (=GRC 3) EN ISO 12236
Opening width Q ₉₀ :	0.185 mm

Water discharge capacity: (as per DIN EN ISO 12958)

Measured at: $\sigma = 20$ kPa, soft/hard, MD

i = 0.09 (=9 %/5.1° indine):	0.484	l/(m*s)
i = 0.27 (=27 %/15.1° indine):	0.979	l/(m*s)
i = 1 (vertical/90°):	2.31	l/(m*s)

Delivery form:

In rolls with a cardboard core	
Roll width:	2 m
Roll length:	20 m
Bulk weight:	Approx. 35 kg

Quantity per delivery unit:

40 m²

Area of use:

As a combined protective layer with water storage and drainage function for use on sloping green roofs

Installation

Lay directly on top of the waterproofing with 100 mm overlap. Make sure the ribbed structure on the underside is running in the direction of flow (see also the Optigreen installation guide)

Storage:

Flat, dry, protected from sunlight during extended storage

Disposal:

Recyclable in a clean condition

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigreen's technical knowledge at the time of publication. Optigreen reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. Errors and omissions excepted.