

TECHNICAL INFORMATION

# BERGO GEOTEXTILE

<b>Packaging:</b>	<b>Quantity / packaging unit:</b>	<b>Size of roll/packaging:</b>
1 roll	20 m length = 50 m <sup>2</sup> (Unfolded: 250 cm width x 20 m length)	1,25 x 0,25 x 0,25 m = 0,078 m <sup>3</sup> , 6,6 kg gross weight

Material:  ISO2076 Environmentally friendly recyclable polypropylene.



Certificate no.: NGS-50335

## Quality Product Certification Separation and Filtration

Quality Product Certification		DoP <sup>1)</sup>		NGS			
Characteristic	Test method	Unit	DoP declared mean value	NGS declared mean value <sup>2)</sup>	NGS max. tolerance <sup>3)</sup>	NGS declared tolerance <sup>4)</sup>	NGS control limits <sup>5)</sup>
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	(-)	132	± 13.2	± 13.0	119.0 - 145.0
Tensile strength	MD	EN ISO 10319	kN/m	11.0	11.0	-1.10	≥ 10.00
	CMD	EN ISO 10319	kN/m	11.0	11.0	-1.10	
Tensile strain at tensile strength	MD	EN ISO 10319	%	40.0	40.0	-8.0	≥ 32.0
	CMD	EN ISO 10319	%	40.0	40.0	-8.0	
Static puncture test (CBR test)	EN ISO 12236	kN	1.650	1.650	-0.165	-0.150	≥ 1.500
Dynamic perforation test	EN ISO 13433	mm	30	30	+7.5	+6.0	≤ 36.0
Energy index	NorGeoSpec 2012	kN/m	(-)	2.1		0.0	≥ 2.1
Water permeability normal to the plane, without load	EN ISO 11058	m/s	0.090	0.090	-0.027	-0.027	≥ 0.063
Characteristic opening size	EN ISO 12956	µm	100	100	± 30.0	± 30.0	40.0 - 130.0
Service life		years	100			100	

Issued by

Christian Recker, SINTEF Project Manager

Approved by

Amstein Watn, Head of the Technical Committee



The products are regularly audited and tested to verify that the characteristics fulfil the NorGeoSpec 2012 Rev.: 01/14.12.2016 requirements.  
Approved by the NorGeoSpec Technical Committee: 01.03.2023