

# NorGeoSpec 2012 Product Certificate

## Quality Product Certification Separation and Filtration

This product has been found to be fit for use in accordance  
with NorGeoSpec 2012 System for the function given above.

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**Certificate no.:** NGS-50468

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**Date:** 31.01.2026

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**Valid until:** 30.01.2028

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**Manufacturer:** Byggros A/S

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**Product:** BG-Tex NGS 5

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**Product Type:** GTX-N

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**Raw material:** PP

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**Function:** Separation and Filtration

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Issued by



Christian Recker, SINTEF Project Manager

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Approved by



Arnstein 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: 29.01.2026

## 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>	(-)	345.0	± 34.5	± 34.5	310.5 - 379.5
Tensile strength	MD	EN ISO 10319	kN/m	29.00	29.00	-2.90	-2.90	≥ 26.10
	CMD	EN ISO 10319	kN/m	29.00	29.00	-2.90	-2.90	
Tensile strain at tensile strength	MD	EN ISO 10319	%	50.0	50.0	-10.0	-10.0	≥ 42.0
	CMD	EN ISO 10319	%	55.0	55.0	-11.0	-11.0	
Static puncture test (CBR test)		EN ISO 12236	kN	4.100	4.100	-0.410	-0.410	≥ 3.690
Dynamic perforation test		EN ISO 13433	mm	10.0	10.0	+2.5	+2.0	≤ 12.0
Energy index		NorGeoSpec 2012	kN/m	(-)	6.5		0.0	≥ 6.5
Water permeability normal to the plane, without load		EN ISO 11058	m/s	0.0300	0.0300	-0.0090	-0.0090	≥ 0.0210
Characteristic opening size		EN ISO 12956	µm	70.0	70.0	± 21.0	± 21.0	49.0 - 91.0
Service life			years	100	100			

1) Manufacturer's Declaration of performance acc. hEN standards

2) Manufacturer's declared values

3) Max. possible NorGeoSpec tolerance according to table 1 Part 1 and Part 2 of the guideline

4) Manufacturer's declared tolerance; the tolerance for the NorGeoSpec certificate shall be equal or less than the "NGS max. tolerance" (see table 1 Part 1 and Part 2 of the guideline)

5) NorGeoSpec control limit values regarding fitness for use; these "NGS control limits" are calculated based on the "NGS declared mean values" and the "NGS declared tolerances"; the product has to satisfy these "NGS control limits" during the NorGeoSpec certification process and random product testing

Quality Product Certification: Separation and Filtration

Application profile: 5