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.

Certificate no.:	NGS-50466
Date:	31.01.2026
Valid until:	30.01.2028
Manufacturer:	Byggros A/S
Product:	BG-Tex NGS 3
Product Type:	GTX-N
Raw material:	PP
Function:	Separation and Filtration

Issued by

Christian Recker, SINTEF Project Manager

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

NorGeoSpec Certification body: SINTEF · Postboks 124 Blindern · 0314 Oslo

SINTEF is appointed Notified Body by the Norwegian Building Authority, related to Regulation (EU) No. 305/2011 – Construction Products. Notified Body No. 1071.

NorGeoSpec 2012

Certificate no.: NGS-50466

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Quality Product Certification				DoP[1]	NGS			
Characteristic		Test method	Unit	DoP declared mean value	NGS declared mean value[2]	NGS max. tolerance[3]	NGS declared tolerance[4]	NGS control limits[5]
Mass per unit area		EN ISO 9864	g/m²	(-)	195.0	± 19.5	± 19.5	**175.5 - 214.5**
Tensile strength	MD	EN ISO 10319	kN/m	16.70	16.70	-1.67	-1.67	**≥ 15.03**
	CMD	EN ISO 10319	kN/m	16.70	16.70	-1.67	-1.67	
Tensile strain at tensile strength	MD	EN ISO 10319	%	45.0	45.0	-9.0	-9.0	**≥ 38.0**
	CMD	EN ISO 10319	%	50.0	50.0	-10.0	-10.0	
Static puncture test (CBR test)		EN ISO 12236	kN	2.350	2.350	-0.235	-0.235	**≥ 2.115**
Dynamic perforation test		EN ISO 13433	mm	22.0	22.0	+5.5	+4.4	**≤ 26.4**
Energy index		NorGeoSpec 2012	kN/m	(-)	3.2		0.0	**≥ 3.2**
Water permeability normal to the plane, without load		EN ISO 11058	m/s	0.0550	0.0550	-0.0165	-0.0165	**≥ 0.0385**
Characteristic opening size		EN ISO 12956	µm	85.0	85.0	± 25.5	± 25.5	**59.5 - 110.5**
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:** 3