NorGeoSpec 2002 Product Certificate

SINTEF

Product Certificate
www.norgeospec.org
No 1201-QC-1333
Bidim S41(5)

NorGeoSpec 2002

Date:	20.01.2012
Valid until:	19.01.2014
Manufacturer:	TenCate
Product:	Bidim S41(5)
Applicable to specification profile:	2
Certificate	No 1201-QC-1333
Certification procedure:	QC

Required level of delivery control: 1 identification test for every 50000 m^2, but minimum 1 id.test for deliveries over 10 000 m^2

Characteristic		Maximum tolerance (units)	Declared tolerance[1]	Declared value[1]	95% confidence limit[2]	Certification value
Tensile strength	MD kN/m	-0,9	-0,9	9,2	8,3	
EN ISO 10319	CMD kN/m	-1,3	-1,3	13,1	11,8	10,0
Tensile strain	MD %	-18,0 %	-18 %	90 %	72,0 %	
EN ISO 10319	CMD %	-5,0 %	-5 %	25 %	20,0 %	46,0 %
Cone drop diam						
EN ISO 13433	mm	6	5	31	36	36
Energy index						
EN ISO 10319	kN/m		0,0	2,1	2,1	2,1
Velocity index						
EN ISO 11058	10^{-3} m/s	-27	-27	90	63	63
Opening size						
EN ISO 12956	O_{90} (mm)	0,027	0,027	0,090	0,117	0,117
Mass EN ISO 9864[3]	g/m^2	17	17	140	123 - 157	123 - 157
Static puncture						
EN ISO 12236[3]	N	-155	-155	1550	1395	1395
Application profile						**2**

[1]Mean values and tolerances given on a CE document with revision date: The CE document is approved by Notified body ID no: 05.10.2011 0799

[2]The maximum tolerance is applied for determination of the 95% conf. limit when tolerances given on the CE-mark document exceeds the maximum allowable tolerance required in NorGeoSpec 2002. The products are continuously audited to verify that the characteristics fulfils the NorGoeSpec requirements.

[3]The certification values for these characteristics is to be used in delivery control. For the mass per unit area the allowable variation range is given while the minimum value is given for the static puncture strength.

SINTEF is **Notified as a competent body** related to directive 89/106/EEC by the Norwegian Royal Ministry of Trade and Industry

Notified body ID no:	1071
Products:	Geotextiles and geotextile related products
Tasks:	Inspection/Certification

Approved by the NorGeoSpec Technical committee 20.01.2012	Issued by	Approved by
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