



Technical Note 2



SINTEF AS

Address: P.O.Box 124 Blindern
NO-0314 Oslo

project leader: Christian Recker
mobile: +49 171 9501912
email: christian.recker@sintef.no
office: Mendelstr. 11
D- 48149 Münster

title:

Decimal places (Used on NorGeoSpec certificates)

Introduction: Decimal places

This technical note deals with the decimal places indicated in the NorGeoSpec certificate and the rounding rules applied.

To avoid misunderstandings with reference to the decimal places stated on the NorGeoSpec certificate, information on the decimal places used on the certificate is given below.

The decimal places refer mainly to the specifications of the corresponding test standards. The following decimal places are indicated on the certificate:

Characteristic	Standard	Unit	NGS control limits Decimal places
Mass per unit area	EN ISO 9864	g/m ²	0.0
Tensile elements	NorGeoSpec 2012	elements/m	0.0
Grid apertures	NorGeoSpec 2012	mm	0.0
Mechanical test			
Tensile strength	EN ISO 10319	kN/m	0.00
Tensile strain at tensile strength	EN ISO 10319	%	0.0
Static puncture test (CBR test)	EN ISO 12236	kN	0.000
Dynamic perforation test	EN ISO 13433	mm	0.0
Energy index	NorGeoSpec 2012	kN/m	0.0
Hydraulic test			
Water permeability normal to the plane without load	EN ISO 11058	m/s	0.0000
Characteristic opening size	EN ISO 12956	µm	0.0
Durability (Declared value)			
Service Life		years	0

Rounding rule: the following rounding rule is applied by us

- leave it the same if the next digit is less than 5 (rounding down)
- increase it by 1 if the next digit is 5 or more (rounding up)

Author: Christian Recker 22.02.2021	Reviewed:	Approved:	Rev.: 1 –22.02.2021 Page 1 of 2
--	-----------	-----------	------------------------------------

- To avoid rounding errors when determining the control limits, and to minimise them where necessary, the control limits are specified precisely with a designated decimal place. In the case of disputes in conformity assessment caused by rounding, a decision will be taken in favour of the applicant.