

# SILT FENCES

## TECHNICAL DATASHEET

<b>Type of geobarrier (GBR)</b>	Silt fence
<b>Composition</b>	Polypropylene geotextile stapled to wood posts
<b>Main function</b>	Protection

Property	Test Method	Type 1	Type 3 MTQ
<b>Physical</b>			
Type of geotextile	-	Woven	Non-woven Georoute type 3&4 BNQ
Geotextile length	-	30.5 m	30.5 m
Geotextile width	-	0.91 m	1.35 m
Stakes length	-	1.22 m	1.45 m
Stakes spacing	-	2.18 m	3 m
Number of stakes per barrier	-	15	11
<b>Hydraulic</b>			
Filtration opening size	ASTM D4751* / CAN 148.1 No. 10**	425 µm *	80 - 150 µm **
<b>Shipping dimensions</b>			
Weight of a fence	-	14 kg	17 kg
Size of package	-	0.23 m x 1.22 m	0.23 m x 1.52 m

Those values are typical

### Georoute Type 3&4 BNQ 202 Géotextile

Property	Test Method	Georoute type 3&4
<b>Physique</b>		
Surface weight <sup>(1)</sup>	CAN 148.1 No. 2	110 g/m <sup>2</sup>
Thickness <sup>(1)</sup>	CAN 148.1 No. 3	0.75 mm
<b>Mécanique</b>		
Tensile strength	CAN 148.1 No. 7.3	400 N
Elongation <sup>(1)</sup>	CAN 148.1 No. 7.3	50 - 105 %
UV Resistance	ASTM D4533	50 %/500h
<b>Hydraulique</b>		
Permeability <sup>(1)</sup>	CAN 148.1 No. 4	0.15 cm/sec
Permittivity	CAN 148.1 No. 4	0.63 sec <sup>-1</sup>
FOS	CAN 148.1 No. 10	80 - 150 µm

Georoute type 3&4 geotextile meets the criterias of table 13101-1 from MTQ for type 3.

The physical, mechanical and hydraulic properties are based on the minimum value of tolerance 95 of specification GCTTG 3001-06 according to certification nominal value. This is a BNQ certified product according to the standard GCCTG 3001-06. Unique identifier : BNQ 202.

(1) - Propertiy is not part of the certification GCTTG 3001-06.