

DURAFLOW Q

800/2/14

TECHNICAL DATA SHEET	G 003 004
ISSUE NUMBER	02
DATE	MAY 2021

Product Description: Cirtex® **DuraFlow Q 800/2/14** drainage geocomposite made by a 3-dimensional, high void ratio monofilaments core heat bonded with two filter geotextiles.

PHYSICAL PROPERTIES		STANDARD	UNIT		TOLERANCE
FILTER GEOTEXTILES					
Raw material				PP	
Weight		EN ISO 9864	g/m ²	140	-14
Tensile Strength MD/CMD		EN ISO 10319	kN/m	9,5/9,5	-1
Elongation at max load MD/CMD		EN ISO 10319	%	60/80	± 20
CBR puncture resistance		EN ISO 12236	N	1600	-160
Opening size		EN ISO 12956	micron	75	±30
DRAINAGE CORE					
Raw material					
Weight		EN ISO 9864	g/m ²	500	
Width			m	2-4	
GEOCOMPOSITE				PP	
Weight		EN ISO 9864	g/m ²	780	± 78
Thickness		EN ISO 9863-1	mm	8	± 1
Tensile strength MD/CMD		EN ISO 10319	kN/m	20/20	-2
Elongation at max load MD/CMD		EN ISO 10319	%	70/70	± 25
HYDRAULIC PERFORMANCES					
Plane flow capacity MD (20kPa, S/S, i=1)		EN ISO 12958	l/(m·s)	1,9	-0, 4
Plane flow capacity MD		EN ISO 12958	l/(m·s)		-20%
S/S: Soft/Soft Contact S/R: Soft/Rigid Contact R/R: Rigid/Rigid Contact	Hydraulic gradient	Contact	i = 0, 04	i = 0, 10	i = 1
	Load: 20 kPa	S/R	0, 35	0, 55	2, 20
	" 50 kPa	S/R	0, 30	0, 50	1, 90
	" 100 kPa	S/R	0, 25	0, 40	1, 40
	" 200 kPa	S/R	0.04	0.09	0, 20
STANDARD DIMENSIONS					
Width			m	2-4	±3%
Length			m	35	±2%
Filter overlapping			cm	10	
Rolls/pallet			n°	4	

ISO 9001

BUREAU VERITAS
Certification



This product has been manufactured under the controls established by a Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ001832-2

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