

DURAFLOW Q

800/2/14

TECHNICAL DATA SHEET	G 003 004
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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					
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 Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ 001784-1

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