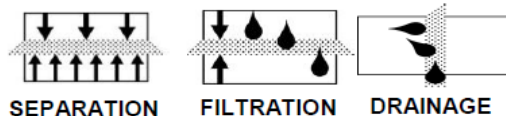




QDrain ZW 8 TG 14P

Certificate number	1213-CPD-4006
Year of last edition	10
Reference norm	UNI EN 13252
Application	Drainage systems

STRUCTURE: drainage geocomposite made by a three-dimensional, high void ratio monofilaments core heat bonded with one filter geotextile



FILTER GEOTEXTILE

Raw material		Polypropylene		
Weight	EN ISO 9864	g/m ²	140	±10
Thickness	EN ISO 9863-1	mm	1,1	±0,2
Tensile strenght MD/CMD	EN ISO 10319	kN/m	9,5/10,5	-1
Extension at max load MD/CMD	EN ISO 10319	%	90/70	±25
CBR puncture resistance	EN ISO 13433	N	1600	-160
Cone drop test	EN 918	mm	21	+5
Water permeability normal to the plane	EN ISO 11058	mm/s	100	-30
Opening size	EN ISO 12956	micron	85	±26

DRAINAGE CORE

Raw material		Polypropylene		
Weight	EN ISO 9864	g/m ²	500	
Width		m	2 - 4	

GEOCOMPOSITE

Weight	EN ISO 9864	g/m ²	640	±60
Thickness at 2kPa	EN ISO 9863-1	mm	8	±1
Tensile strenght (medium value MD-CMD)	EN ISO 10319	kN/m	9/9	-1
Extension at max load (medium value MD-CMD)	EN ISO 10319	%	75/75	±25

HYDRAULIC PERFORMANCES

Plane flow capacity MD (20kPa, S/R, i=1)	EN ISO 12958	l/(m·s)	2,4	-0,4
Plane flow capacity MD	EN ISO 12958	l/(m·s)		-20%

	Hydraulic gradient	Contact	i = 0,04	i = 0,1	i = 1
	Load: 20 kPa	S/R	0,45	0,68	2,40
	" 50 kPa	S/R	0,40	0,60	2,20
	" 100 kPa	S/R	0,30	0,45	1,60
	" 200 kPa	S/R	0,09	0,10	0,35

S/R contact Soft/Rigid

DURABILITY

Forecast of minimum durability (natural soils 4<pH<9 and T<25°C)	years	25
Product to be covered within 2 weeks after installation		

STANDARD DIMENSIONS

Width	m	2 - 4	±3%
Length	m	40	±2%
Filter overlapping	cm	10	
Rolls/pallet	n	4	

The information given in this data sheet is to the best of our knowledge true and correct, however new research results and practical experience can make revisions necessary. No guarantee or liability can be drawn from the information mentioned herein.