

DALCOR 8

Producer CE marking : 0334 CPR 0003

Fonction : Filtration + Drainage

DIMENSIONS	
Geospacer width	2,0 m
Geotextile width	2,20 m
Length	20 m



CHARACTERISTICS	Standard	Nominal value	Unit	Tolerance
GEOSPACER : NO SENSITIVE TO WATER				
Polymer		HDPE		
Structure		Alveolar, thermoformed, isotropic and symmetric		
Thickness under 2 kPa	EN ISO 9863-1 ASTM D-5199	8	mm	±10%
Crush resistance	EN ISO 25619-2	165	kPa	-10%
	ASTM D-6364	3446	psf	-10%
Compressive creep under 60 kPa / 10 Years	EN ISO 25619-1	-12,5 % of the thickness under stress		
GEOTEXTILE : NO SENSITIVE TO WATER				
Product reference		F22		
Certificate ASQUAL		1801 CQ 14		
Polymer		Polypropylene		
Manufacturing process		Nonwoven needle-punched		
Position of the geotextile on the geospacer		A geotextile on a face		
Thickness under 2 kPa	EN ISO 9863-1 ASTM D-5199	0,7	mm	±0,14
Mass per unit area	EN ISO 9864 ASTM D-5161	120	g/m ²	±12
Opening Size O90 w	EN ISO 12956	85	µm	±26
Water Permeability VH50	EN ISO 11058	0,07	m/s	-0,021
Permittivity	ASTM D-4491	1,4	1/s	0
GEOCOMPOSITE : DALCOR 8				
Dynamic Perforation Resistance	EN ISO 13433	32	mm	6
Water flow capacity in the plane / Transmissivity	EN ISO 12958 ASTM D4716	Foam/ Obturate i=1 ; 20 kPa ; 7x10-4	m ² /s	-1,4 x10-4
Tensile strength	EN ISO 10319 ASTM D-4595	MD : 17	kN/m	-2,2
		CMD : 16,5		-1,9
Durability in accordance with Annex B		To be covered within 2 weeks after installation. More than 25 years of life can be obtained provided that the geotextile is used in natural soils with a pH between 2 and 13 and a temperature of soil < 25°C, on the basis of an evaluation of durability assessment (report N° 1.1/15325/481.0.1-2007).		
ADDITIONAL DATA ON THE GEOCOMPOSITE				
Mass per unit area	EN ISO 9864 ASTM D-5161	720	g/m ²	± 10%