

## ASPHADRAIN

Producer CE marking : 0334 CPR 0003  
Fonction : Drainage



### DIMENSIONS

Geospacer width	0,06 m / 0,095m
Geotextile width	Encircles the geospacer
Length	54 m / 60 m

### APPLICATIONS



EN 13 249 - Roads and other trafficked areas

CHARACTERISTICS	Standard	Nominal value	Unit	Tolerance
<b>GEOSPACER : NO SENSITIVE TO WATER</b>				
Polymer		HDPE		
Structure		Alveolar, thermoformed, isotropic and symmetric		
Thickness under 2 kPa	EN ISO 9863-1 ASTM D-5199	16	mm	±10%
Crush resistance	EN ISO 25619-2	825	kPa	-10%
	ASTM D-6364	17230	psf	-10%
Compressive creep under 300 kPa / 10 Years	EN ISO 25619-1	-17 % of the thickness under stress		
<b>GEOTEXTILE : NO SENSITIVE TO WATER</b>				
Product reference		4115C		
Certificate ASQUAL		Uncertified		
Polymer		Polyester		
Manufacturing process		Nonwoven needle-punched, calendered		
Position of the geotextile on the geospacer		A geotextile surrounding the géoespaceur on all its width		
Mass per unit area	EN ISO 9864 ASTM D-5161	150	g/m <sup>2</sup>	±15
Melting point		260	°C	
<b>GEOCOMPOSITE : ASPHADRAIN</b>				
Water flow capacity in the plane / Transmissivity	EN ISO 12958 ASTM D4716	Foam/ Foam i=1 ; 20 kPa ; 25x10 <sup>-4</sup>	m <sup>2</sup> /s	-5 x10 <sup>-4</sup>
Water flow capacity in the plane / Transmissivity	EN ISO 12958 ASTM D4716	Foam/ Foam i=0,1 ; 100kPa ; 4,5x10 <sup>-4</sup> i=0,1 ; 200kPa ; 2,8x10 <sup>-4</sup>	m <sup>2</sup> /s	-20%
Tensile strength	EN ISO 10319 ASTM D-4595	MD : 33,15	kN/m	-2,92
Durability in accordance with Annex B		To be covered within 2 weeks after installation. Predicted to be durable for a minimum of 25 years in natural soils with a pH of between 4 and 9, and at soil temperature <25°C .		
<b>ADDITIONAL DATA ON THE GEOCOMPOSITE</b>				
Mass per unit area	EN ISO 9864 ASTM D-5161	2080	g/m <sup>2</sup>	± 10%
Tensile strain at Max strength	EN ISO 10319 ASTM D-4595	MD : 60	%	-25 %