

ISOCOR 8E

Producer CE marking : 0334-CPR-0003

Fonction : Filtration + Drainage

DIMENSIONS	
Geospacer width	2,2 m
Geotextile width	2,3 m
Length	25 m

CHARACTERISTICS	Standard	Nominal value	Unit	Tolerance
GEOSPACER (CORE)				
Polymer		HDPE		
Structure		Alveolar, thermoformed, isotropic and symmetric		
Thickness under 2 kPa	EN ISO 9863-1	8	mm	±10%
Crush resistance	EN ISO 25619-2	165	kPa	-10%
Compressive creep under 60 kPa / 10 Years	EN ISO 25619-1	-12,5 % of the thickness under stress		
GEOTEXTILE (FILTER)				
Product reference		NT13		
Polymer		Polypropylene		
Manufacturing process		Nonwoven needle-punched		
Position of the geotextile on the geospacer		A geotextile on a face		
Mass per unit area	EN ISO 9864	110	g/m ²	±11
Opening Size O90	EN ISO 12956	65	µm	±20
GEOCOMPOSITE : ISOCOR 8E				
Dynamic Perforation Resistance	EN ISO 13433	33,2	mm	+7,0
Water flow capacity	EN ISO 12958	Foam/ Obturate i=1 ; 20 kPa ; 0,6	10-3 m ² /s	-0,12
Water flow capacity	EN ISO 12958	Foam/ Obturate i=0,1 ; 20kPa ; 0,23x10-3	m ² /s	-20%
Tensile strength	EN ISO 10319	MD : 16,65 CMD : 16,8	kN/m	-2,16 -2,18
Tensile strain at Max strength	EN ISO 10319	MD : 40 CMD : 48,4	%	+/- 8 +/- 11,8
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 .		
Mass per unit area	EN ISO 9864	635	g/m ²	± 10%

RYB COMPOSITES
117 route d'Orléans
45600 Sully sur Loire
Tél : +33 (0)4 76 93 43 54
Email : info.rybcomposites@ryb.fr

Our technical services will be pleased to provide you with any documentation or information that you may require. Information concerning dimensions and diagrams featured in this document are for reference only. Our company reserves the right to change the characteristics of products featured in this brochure. Important notice: We cannot be held responsible if our products are used in such a way that does not comply with standards or for purposes different to those specified in our trade documents. Ryb Composites (simplified joint-stock company) with capital of 250 000 euros
Headquarters: 45600 Sully sur Loire
RCS Orléans 538 493 743 - SIRET 538 493 743 00016 - Code APE 7112B

ISOCOR 10E

Producer CE marking : 0334-CPR-0003

Fonction : Filtration + Drainage

DIMENSIONS	
Geospacer width	2,2 m
Geotextile width	2,3 m
Length	25 m

CHARACTERISTICS	Standard	Nominal value	Unit	Tolerance
GEOSPACER (CORE)				
Polymer		HDPE		
Structure		Alveolar, thermoformed, isotropic and symmetric		
Thickness under 2 kPa	EN ISO 9863-1	10	mm	±10%
Crush resistance	EN ISO 25619-2	275	kPa	-10%
Compressive creep under 100 kPa / 10 Years	EN ISO 25619-1	-9 % of the thickness under stress		
GEOTEXTILE (FILTER)				
Product reference		NT13		
Polymer		Polypropylene		
Manufacturing process		Nonwoven needle-punched		
Position of the geotextile on the geospacer		A geotextile on a face		
Mass per unit area	EN ISO 9864	110	g/m ²	±11
Opening Size O90	EN ISO 12956	65	µm	±20
GEOCOMPOSITE : ISOCOR 10E				
Dynamic Perforation Resistance	EN ISO 13433	33,2	mm	+7,0
Water flow capacity	EN ISO 12958	Foam/ Obturate i=1 ; 20 kPa ; 0,83	10-3 m ² /s	-0,17
Water flow capacity	EN ISO 12958	Foam/ Obturate i=0,05 ; 100kPa ; 0,11x10 ⁻³ i=0,05 ; 180kPa ; 0,06x10 ⁻³	m ² /s	-20%
Tensile strength	EN ISO 10319	MD : 18,7 CMD : 18,7	kN/m	-2,43 -2,43
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 .		
Mass per unit area	EN ISO 9864	925	g/m ²	± 10%

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