

## Enkadrain® 5006H/2-2s/T110PP

Geocomposite for drainage and filtration

### Technical data sheet

#### Properties geocomposite

Hydraulic gradient	Load kPa	Flow capacity (EN ISO 12958), rigid/foam
i = 1	20	2.70 · 10 <sup>-3</sup> m <sup>2</sup> /s
	50	2.40 · 10 <sup>-3</sup> m <sup>2</sup> /s
	100	2.30 · 10 <sup>-3</sup> m <sup>2</sup> /s
	200	1.40 · 10 <sup>-3</sup> m <sup>2</sup> /s
i = 0,1	20	0.70 · 10 <sup>-3</sup> m <sup>2</sup> /s
	50	0.65 · 10 <sup>-3</sup> m <sup>2</sup> /s
	100	0.60 · 10 <sup>-3</sup> m <sup>2</sup> /s
	200	0.24 · 10 <sup>-3</sup> m <sup>2</sup> /s
i = 0,03	20	0.35 · 10 <sup>-3</sup> m <sup>2</sup> /s
	50	0.30 · 10 <sup>-3</sup> m <sup>2</sup> /s
	100	0.24 · 10 <sup>-3</sup> m <sup>2</sup> /s
	200	0.11 · 10 <sup>-3</sup> m <sup>2</sup> /s

Polymer		PP	
Weight	EN ISO 9864	620	g/m <sup>2</sup>
Thickness under 2 kPa	EN ISO 9863-1	6	mm
Tensile strength - MD	EN ISO 10319	14.0	kN/m
Elongation at maximum load - MD	EN ISO 10319	n.p.d.	%
Dynamic perforation resistance (cone drop)	EN ISO 13433	15	mm

#### Properties Fleece

Dynamic perforation resistance (cone drop)	EN ISO 13433	35	mm
Characteristic Opening Size (O90)	EN ISO 12956	140	µm
Water permeability normal to the plane (Vlh50)	EN ISO 11058	70	mm/s

#### Dimensions

Length x width		25 x 2.0	m
Length / diameter of roll		2,35 x 0	m
Gross weight		38	kg

Maximum allowed time between installation and covering of the geosynthetic: 2 weeks

The Quality Management System of Bonar has been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request.



The information set forth in this data sheet reflects the best knowledge at the time of publication. The document is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.