

# Eurobent 5000



1023-CPD-0073F

Mechanically bonded composite, consisting of pulverized or granulated bentonite, embedded and fixed between two layers of geotextile.

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## Mass per unit area (average)

Carrier Layer	PP Woven	100 g/m <sup>2</sup>
Inlay	Na-Bentonite	5,000 g/m <sup>2</sup>
Cover Layer	PP Nonwoven	215 g/m <sup>2</sup>
Total Product Weight		5,315 g/m <sup>2</sup>

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## Bentonite Properties

Montmorillonite Content		> 75%
Swelling Capacity	ASTM D 5890	> 24 ml/2g
Water Absorption Capacity	DIN 18132	> 450%
Moisture Content		max. 12%

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## Physical Properties of the Composite

Thickness (dry)		7.6 mm
Index Flux	ASTM D 5887	< 3.0 x 10 <sup>-9</sup> m <sup>3</sup> /m <sup>2</sup> /s
Permeability	ASTM D 5887-99	< 1.8 x 10 <sup>-11</sup> m/s
Tensile Strength	MD CD	EN ISO 10319 10.4 kN/m 8.5 kN/m
CBR Puncture Strength	EN ISO 12236	1.8 kN

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## Standard Roll Dimensions

Length / Width	40 m / 5 m
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These data are average values derived from standard tests and are subject to usual product variation. The right is reserved to make changes without notice at any time.