

# Eurobent 4500



1023-CPD-0073F

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

---

## Mass per unit area (average)

Carrier Layer	PP Woven	100 g/m <sup>2</sup>
Inlay	Na-Bentonite	4,500 g/m <sup>2</sup>
Cover Layer	PP Nonwoven	215 g/m <sup>2</sup>
Total Product Weight		4,815 g/m <sup>2</sup>

---

## Bentonite Properties

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

---

## Physical Properties of the Composite

Thickness (dry)		6.6 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	< 1.2 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

---

## Standard Roll Dimensions

Length / Width	40 m / 5 m
----------------	------------

---

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.