

TECHNICAL DATA SHEET

EUROBENT C

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

Properties of geotextile	Test Method	Value
Carrier Layer - PP Woven	EN ISO 9864	130 g/m ²
Cover Layer - PP Nonwoven	EN ISO 9864	200 g/m ²

Properties of bentonite	Test Method	Value
Montmorillonite Content	CUR 33	75% min
Swell Index	ASTM D 5890	24 ml/2 g min
Fluid Loss	ASTM D 5891	18 ml max
Moisture Content	DIN 18121-1	12% max

Properties of GCL	Test Method	Value
Thickness	EN ISO 9863	7,4 mm
Mass per unit area of bentonite	EN 14196	5000 g/m ²
Mass per unit area of GCL	EN 14196	5330 g/m ² (+/- 10%)
Tensile Strength MD	EN ISO 10319	10,4 kN/m (- 10%)
Tensile Strength CMD	EN ISO 10319	8,5 kN/m (- 10%)
Permeability	ASTM D 5887	1,8 x 10 ⁻¹¹ (3,6 x 10 ⁻¹¹) m/s
Index Flux	ASTM D 5887	3,0 x 10 ⁻⁹ (6,0 x 10 ⁻⁹) m ³ /m ² /s
CBR Puncture Strength	EN ISO 12236	2,5 kN (- 10 %)
Peel adhesion to concrete	ASTM D 903 Mod	2,5 kN/m min
Peel Strength	ASTM D 6496	66 N/10cm (-10 %)

Standard Roll Dimensions	Test Method	Value
Width x Length	Typical	5,1 m. x 40 m.
Quantity	Typical	204 m ²

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.

REV 17JAN2017

Poland 58-100 Świdnica, ul. Kliczkowska 42

tel/fax +48 74 857 50 81

www.eurobent.com; office@eurobent.com

IX Wydział Gospodarczy KRS nr 0000297336

Wysokość kapitału zakładowego 50 000,00 zł

NIP 884-26-51-736; REGON 020678548

Deutsche Bank Polska S.A.

Pl. Grunwaldzki 36, PL-50-364 Wrocław

PL 10 1910 1048 2792 0378 4147 0001 - PLN

PL 80 1910 1048 2792 0378 4147 0002 - EUR

PL 53 1910 1048 2792 0378 4147 0003 - GBP

SWIFT: DEUTPLPX

Sąd Rejonowy dla Wrocławia-Fabrycznej
we Wrocławiu