

TECHNICAL DATA SHEET

EUROBENT CS-0,2 (3000) QuickSeal

Mechanically bonded composite, consisting of pulverized or granulated bentonite, embedded and fixed between two layers of geo-textile and glued to a membrane.

Mass per unit area (average)

Carrier Layer	PP Woven	100 g/m ²
Inlay	Na-Bentonite	3000 g/m ²
Cover Layer	PP Swelling Nonwoven	200 g/m ²
	PE Membrane	0,2 mm
Total Product Weight	ASTM D 5993	3.500 g/m ² (+/- 10 %)

Bentonite Properties

Montmorillonite Content	CUR 33	> 75%
Swelling Capacity	ASTM D 5890	> 24 ml/2g
Moisture Content	DIN 18121-1 / 18121-2	max 12 %

Physical Properties of the Composite

Thickness	EN ISO 9863-1 / 9863-2	6,0 mm
Index Flux	ASTM D 5887	NOT MEASUREABLE
Permeability	ASTM D 5887	NOT MEASUREABLE
Tensile Strength	MD EN ISO 10319	10,5 kN/m (- 10 %)
	CD EN ISO 10319	10,5 kN/m (- 10 %)
CBR Puncture Strength	EN ISO 12236	1,8 kN (- 10 %)

Durability:

-cover in installation day

-durability 25 years at natural base and pH between 4 and 9 and temperature < 25°C.

Standard Roll Dimensions


Length / Width (40 x 5,0) 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.

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