



BentoShield®

GEOSYNTHETIC CLAY LINERS



BENTOSHIELD 4000 TECHNICAL PROPERTIES

GEOCOMPOSITE

Mass per unit area⁽¹⁾ ASTM 5993	4000 g/m ²
Permeability ASTM D 5887	5,0 x 10 ⁻¹¹ m/sec
Index Flux ASTM D 5887	1 x 10 ⁻⁹ m ³ /sec-m ²
Tensile Strength ASTM D 6768	14 kN/m
Peel Strength ASTM D 6496	660 N/m

BENTONITE LAYER

Free Swell ASTM D 5890	24 ml/2g
Fluid Loss ASTM D 5891	18 ml

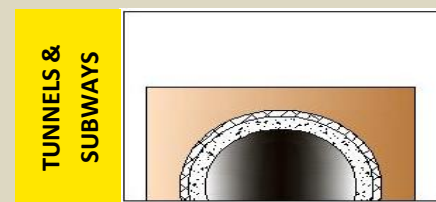
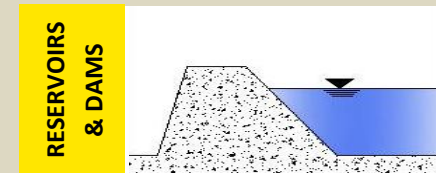
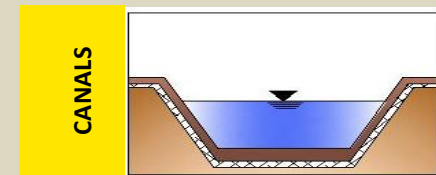
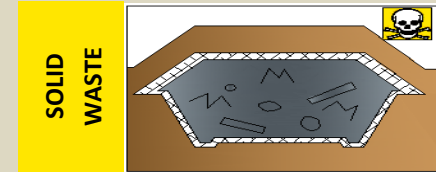
GEOTEXTILE LAYERS

Non Woven - Mass/Unit Area ASTM D 5261	200 g/sq.m
Woven - Mass/Unit Area ASTM D 5261	110 g/sq.m

⁽¹⁾ min. weight of sodium bentonite with 10 % moisture content.

The values in the table are achieved in GEOMAS laboratories and accredited testing institutes by following the ASTM Standards and GEOMAS Quality Plan.

Applications



Dimensions

Width 5m
Length 20 m, 40m, 45m,



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