



# BentoShield® MAX

## GEOCOMPOSITE WATERPROOFING



ISO 9001  
BUREAU VERITAS  
Certification



### BENTOSHIELD MAX TECHNICAL PROPERTIES

#### GEOCOMPOSITE

<b>Permeability</b> ASTM D 5887	3,0 x 10 <sup>-11</sup> m/sec
<b>Tensile Strength</b> ASTM D 6768	13 kN/m
<b>Peel Strength</b> ASTM D 6496	600 N/m
<b>Elongation Capacity</b> ASTM D 5084	% 18
<b>Thickness</b> EN 964-1	6mm

#### BENTONITE LAYER

<b>Bentonite Content<sup>(1)</sup></b> ASTM 5993	5000 g/m <sup>2</sup>
<b>Free Swell</b> ASTM D 5890	30 ml/2g
<b>Fluid Loss</b> ASTM D 5891	15 ml

#### GEOTEXTILE LAYERS

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

<sup>(1)</sup> 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 1.2m, 2.5m, 5m

Length 20m, 40m, on demand



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