



# BENTONITE 6000



## FULLY BONDED, SELF-HEALING ACTIVE WATERPROOFING SYSTEM

Bentonite6000 is a factory prehydrated bentonite membrane specially formulated for below grade waterproofing applications. It is composed of polymer enhanced sodium bentonite granules encapsulated between high strength woven and non-woven geotextiles.

### GEOCOMPOSITE

<b>Mass per Unit Area</b> ASTM D 5888	> 6000 g/m <sup>2</sup>
<b>Hydrostatic Pressure</b> ASTM D 6768	< 70 m
<b>Permeability</b> ASTM D 5887	< 1 x 10 <sup>-11</sup> m/sec
<b>Tensile Strength</b> ASTM D 6768	> 13,00 kN/m
<b>Puncture Resistance</b> EN ISO 12236	> 2050 N
<b>Peel Adhesion to Concrete</b> ASTM D 903	> 2,5 kN/m
<b>Low Temperature Flexibility</b> ASTM D 1970	< -32°C
<b>Thickness</b> EN 964-1	6,80 mm

### BENTONITE

<b>Swell Index</b> ASTM D 5890	> 27 ml/2g
<b>Fluid Loss</b> ASTM D 5891	< 15 ml

### DIMENSIONS

<b>Roll size</b>	2,5m x 30m– 1,10m x
<b>5m Roll weight</b>	450 kg– 33 kg