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## [PRODUCT SPECIFICATIONS]

# VOLTEX PRODUCT SPECIFICATIONS

### ROLL SPECIFICATIONS

<b>Bentonite Content</b>	1.1 lb/ft <sup>2</sup> (5.7 kg/m <sup>2</sup> )
<b>Dry Thickness</b>	¼ inch (6.4 mm)
<b>Roll Width</b>	4 feet (1.2 m)
<b>Roll Length</b>	15 feet (4.5 m)
<b>Roll Weight</b>	70 lbs (31.8 kg)

### SODIUM BENTONITE

<b>Granular Size</b>	90% passing 20 Sieve 10% passing 200 Sieve
<b>Type</b>	90% Montmorillonite 10% Unaltered Volcanic Sediment
<b>Free Swell Rating</b>	16mL/2g min

### GEOTEXTILES

<b>Woven Fabric Mass Area</b>	ASTM D 5261	3.2 oz/sq yd
<b>Non-Woven Mass Area</b>	ASTM D 5261	6.0 oz/sq yd

### PHYSICAL PROPERTIES OF VOLTEX

Property	Test Method	Typical Property
<b>Peel Adhesion to Concrete</b>	ASTM D 903 mod.	15 lbs/in (2.6 kN/m) min.
<b>Hydrostatic Pressure Resistance</b>	ASTM D 5385 mod.	231 ft (70 m)
<b>Permeability</b>	ASTM D 5084	1 x 10 <sup>-9</sup> cm/sec
<b>Grab Tensile Strength</b>	ASTM D 4632	95 lbs (422 N)
<b>Puncture Resistance</b>	ASTM D 4833	100 lbs (445 N) min
<b>Low Temperature Flexibility</b>	ASTM D 1970	Unaffected at -25F (-32C)

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