

Voltite[®] Waterproofing Solutions

BentoShield MAX LM (Saline Resistant)

BentoShield MAX LM (SALINE RESISTANT) is a specially designed below grade waterproofing for contaminated and acidic conditions containing high level of salt concentration. It uniquely combines the self-healing property of polymer modified sodium bentonite with impermeable PE film and acts as a dual protection system.

GEOCOMPOSITE

Hydrostatic Pressure ASTM D 5385	< 110m
Tensile Strength ASTM D 6768	> 12kN/m
Puncture Resistance EN ISO 12236	> 2250 N
Peel Adhesion to Concrete ASTM D 903	> 2,5kN/m
Low Temperature Flexibility ASTM D 1970	> Unaffected at 32°C
Thickness EN 964-1	6,00 mm

BENTONITE LAYER

Bentonite Content (I) ASTM 5993	> 5000 g/m ²
Swell Index ASTM D 5890	> 30ml/2g
Fluid Loss ASTM D 5891	< 12ml

MULTIFUNCTIONAL LAYERS

Cap Layer ASTM D 5261	00 g / sq.m
Carrier Layer ASTM D 5261	110 g / sq.m
PE Film Layer ASTM D 5199	0,2 mm

*Roll Sizes	2,5m x 10m / 20m / 40m
	5m x 10m / 20m / 40m

