

VOLCLAY

ULTRASEAL™

BENTONITE-POLYMER ALLOY

***ADVANCED
WATERPROOFING
TECHNOLOGY***



WATERPROOFING SYSTEMS FOR PEAK PERFORMANCE

ULTRASEAL

ADVANCED BPA WATERPROOFING TECHNOLOGY

With more than 40 years of experience in below-grade waterproofing, CETCO is excited to introduce Volclay Ultraseal. Ultraseal is a unique waterproofing system that utilizes an advanced bentonite-polymer alloy (BPA) technology which is ten times less permeable than traditional bentonite membranes. Two Ultraseal membrane composites - BT and SP - each with specific product performance features, provide the best waterproofing properties for backfilled walls and single-sided form applications, such as lagging walls. Both membranes work under continuous or intermittent hydrostatic pressure conditions and are extremely resistant to chemical contaminants.

TWO DIFFERENT MEMBRANES FOR DEMANDING APPLICATIONS

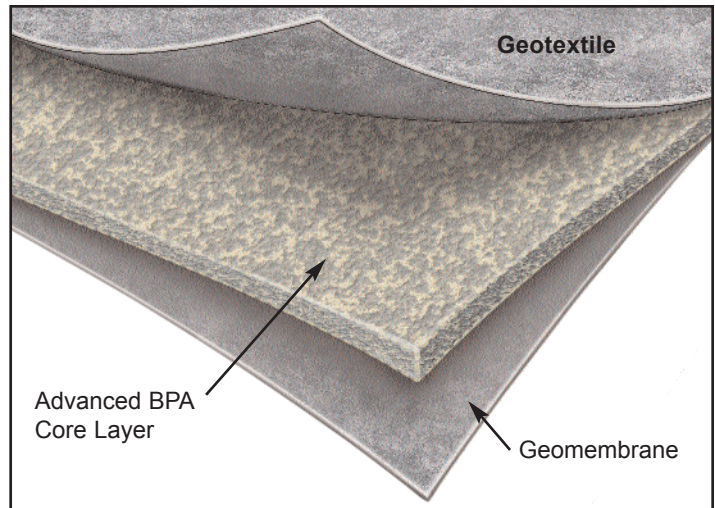
ULTRASEAL BT composite membrane consists of the BPA core layer integrally bonded to a geomembrane. ULTRASEAL BT is designed primarily for backfilled concrete walls, concrete block walls, tunnels, and earth-covered structures.

ULTRASEAL SP is a three component composite membrane consisting of the BPA core layer between a geotextile and a geomembrane. ULTRASEAL SP is designed primarily for waterproofing under structural slabs and property line construction, such as soldier pile and lagging, and metal sheet piling earth retaining walls.

ULTRASEAL BT and ULTRASEAL SP are both produced in a roll size of 4-ft. by 25-ft. for 100 sq. ft. per roll; 25 rolls per pallet. Typical roll weight: 35-lbs.

**VOLCLAY ULTRASEAL
INNOVATION FOR PEAK PERFORMANCE**

**Visit our web site for more information
www.cetco.com**



ULTRASEAL SP COMPOSITE

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ULTRASEAL OFFERS MANY ADVANTAGES OVER EXISTING PRODUCTS

- 1. Excellent Hydrostatic Resistance.** Ultraseal has been successfully tested to resist 231-ft of hydrostatic pressure.
- 2. Extremely Low Permeability.** The base line permeability of Ultraseal is 10 times better than traditional bentonite waterproofing membranes.
- 3. Better Chemical Resistance.** Ultraseal resists higher concentrations of salts, nitrates, and organic solvents than traditional hydrophilic waterproofing systems.
- 4. Exceptional Bond Strength to Concrete.** Ultraseal SP yields an average 15-lbs mechanical bond peel strength where concrete is poured against the membrane.
- 5. Efficient Installation.** Fast and easy installation is achieved with Ultraseal's large rolls that weigh over 60% less than traditional products.

CETCO®

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