



SWELLTITE®

COMPOSITE BENTONITE WATERPROOFING SYSTEM

SWELLTITE® is a highly effective waterproofing membrane consisting of a sodium bentonite compound integrally bonded to a geomembrane liner. This composite combines the active waterproofing benefits of sodium bentonite with the strength and durability of a thick geomembrane liner.

Unlike other membrane systems that require precise installation, SWELLTITE®'s reactive bentonite compound can expand to seal small punctures in the membrane. SWELLTITE® works by forming a continuous membrane upon hydration with water. When confined under pressure, the swell is controlled, forming a dense, positive seal against the concrete. Proven quality and ease of installation have made SWELLTITE® a market leader in the waterproofing industry. More than 4,5 million square meters of SWELLTITE® have been installed worldwide on projects such as split-slab plaza decks, backfilled foundation walls, and cut-and-cover tunnels.

APPLICATIONS

- Split-Slab Decks
- Cut-and-Cover Tunnels
- Backfilled Walls
- Masonry Block Work Walls
- Earth-Covered Structures





Exceptional Waterproofing Performance:

Protection from Water Ingress:

- More than 4,5 million square meters installed and 20 years of proven waterproofing success.
- Combines the active waterproofing benefits of sodium bentonite with the strength and puncture resistance of a thick geomembrane liner.
- Flexible and easy to install membrane with self-sealing and self-healing properties that is flexible as well as self-sealing.

Installation Benefits and Features:

Fast and Easy:

- Overlapped seams and mechanical fasters eliminates installation variables in the field.
- The geomembrane layer eliminates the need for protection board for most applications.

Versatility:

- Proven effective for split-slab, plaza deck, protected membrane roof and landscaped assemblies.
- Suitable for use in new construction as well as retrofit applications.
- Can be installed in temperatures as low as -18°C.



SWELLTITE® qualifies for the HydroShield™ Quality Assurance Program.

Protect your structure from water ingress with the industry's leading quality assurance program. This proven, systematic approach provides a no financial limit warranty for 100 percent, non-prorated protection for the entire term of the warranty. For more information visit Cetco.com/hydroshield.