

ADCOR[®] 500T

Thick sectioned, conformable, hydro-expansive waterstop for preventing saline and brackish water entry through joints in concrete substructures

Product Description

A conformable, swellable polymer/butyl rubber waterstop strip that expands in contact with saline and brackish water. When fully encapsulated by poured concrete, the expansive forces form a seal against concrete faces. The seal resists hydrostatic pressure, stopping water from entering sub-structures.

ADCOR[®]500T is a unique product that has been specifically developed to provide higher performance than conventional bentonite or swellable rubber waterstops. Superior performance arises from:

- controlled, reproducible, volumetric expansion
- cohesive strength maintained after volumetric expansion
- malleable and plastic, enabling easy application to a variety of concrete profiles.

Product Advantages

- Controlled volumetric expansion - reduces risk of concrete spalling.
- Conformable – can be installed onto a variety of irregular substrates.
- Retains cohesive strength at both original and expanded volume.
- No need for protective steel mesh.
- Resists at least 6 bar (87 psi) hydrostatic pressure.
- Volumetric expansion over 140% in 8% salted water.
- Simple overlap jointing on site.
- Reproducible swell after wet – dry cycling.
- Unaffected by freeze/thaw cycling.

Applications

- Horizontal and vertical construction joints in concrete structures
- Casting new concrete against existing
- Floor slabs cast against diaphragm retaining walls, steel sheet piles and secant pile walls.
- Joints between floor slabs and pile caps
- Pipe penetrations through floors and walls

System Components

ADCOR[®]500T

¾ x 1 in waterstop strip, supplied in 16 ft rolls.

SUPPLY

ADCOR® 500T	16 foot rolls
	6 rolls/carton
	30 cartons/pallet
	pallet weight 1545 lbs.

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Last Updated: 2018-12-12

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