



## Ultra-Tite Gunable Hydrophilic Waterstop

### Description/Features:

Ultra-Tite is designed for use as a standalone waterstop in Cast-In-Place joints, Precast joints, and for use as a hydrophilic waterstop adhesive for waterstops such as Dura-Tite®. With a hydrostatic pressure resistance of 60 psi, Ultra-Tite can be used in construction applications such as: Tunnels, Vent Shafts, Dams, Manholes, Box Culverts, Containment Structures, Concrete Slabs, Foundation Joints, Wall or Floor Penetrations, Water & Wastewater Structures, and Many More.

### Uses:

Ultra-Tite Waterstop can be used for a variety of applications and adheres to many common construction materials such as: Concrete, Metal, Fiberglass, Many Plastics, PVC, Glass, Aluminum and Wood.

### Surface Preparation:

**Concrete:** The surface must be free of form release, curing compounds, sealers, loose debris or other contaminants. Completely remove previous coatings or sealants (may require abrasion of the surface with steel wool or fine emery paper). Sand blasting, power washing, wire brushing, or other appropriate cleaning techniques can be utilized. Surface must be clean and dry prior to application.

**Make sure the surface is free of frost.**

**DO NOT USE petroleum solvents such as Mineral Spirits or Xylene for surface preparation.**

### Application:

Keep Ultra-Tite at room temperature (Approx. 70°F) before applying to ensure easy application. A clean, dry, and uncontaminated surface is mandatory. Ultra-Tite may be factory or field applied to seal various construction components. Work Ultra-Tite into rough surfaces to optimize surface contact. If filling cracks, avoid air entrapment by filling void with a continuous bead. Tooling techniques using solvents or soapy solutions are not recommended.

### Clean-Up:

Tools and surfaces with wet sealant can be cleaned using a solvent such as alcohol. (Follow solvent manufacturer safety guidelines). Cured Ultra-Tite can be removed mechanically.

### Curing:

Under normal conditions a tack free skin is formed in 60 minutes. Full cure takes place in 24 to 48 hours. Over 100% hydrophilic expansion in the first 48 hours and 250% hydrophilic expansion in 30 days.

### Limitations:

Do not apply over damp or contaminated surfaces. Always utilize the SDS for information on PPE and health hazards.

### Storage/Shelf Life:

Be sure to rotate inventory. Material must be stored under controlled/dry environment (below 75°F). Use cartridges within 12 months from date of manufacture.

### Packout:

10.5 oz. Cartridge: 24/Case. 80 Cases/Pallet.



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## Ultra-Tite Gunable Hydrophilic Waterstop Chemical & Physical Properties

Property	Typical Value	Test Method
Skin Time	60 minutes @ 75°F / 50% RH	-
Cure Rate (77°F at 50% Relative Humidity)	1/8" Per 40 Hours	-
Gun Grade	Zero Slump	ASTM C679
Tensile Strength	159 PSI	ASTM D412
Shear Strength	188 PSI	ASTM D1002
Elongation	185%	ASTM D412
Adhesion to Primed Concrete (Clean, Dry)	30 pli, Cohesive Failure	ASTM C794
Shore A, Hardness	35	ASTM D661
UV Stability, Accelerated Weathering	UV-A, No Change (2,000 Hours)	QUV Weatherometer
VOC Content	20.6 Grams/Liter	-
Service Temperature	-40°F to 220°F (-40°C to 104°C), Continuous Service	-
Application Ambient Temperature	40°F to 130°F (4°C to 55°C)	-
Application Surface Temperature	40°F to 130°F (4°C to 55°C)	-

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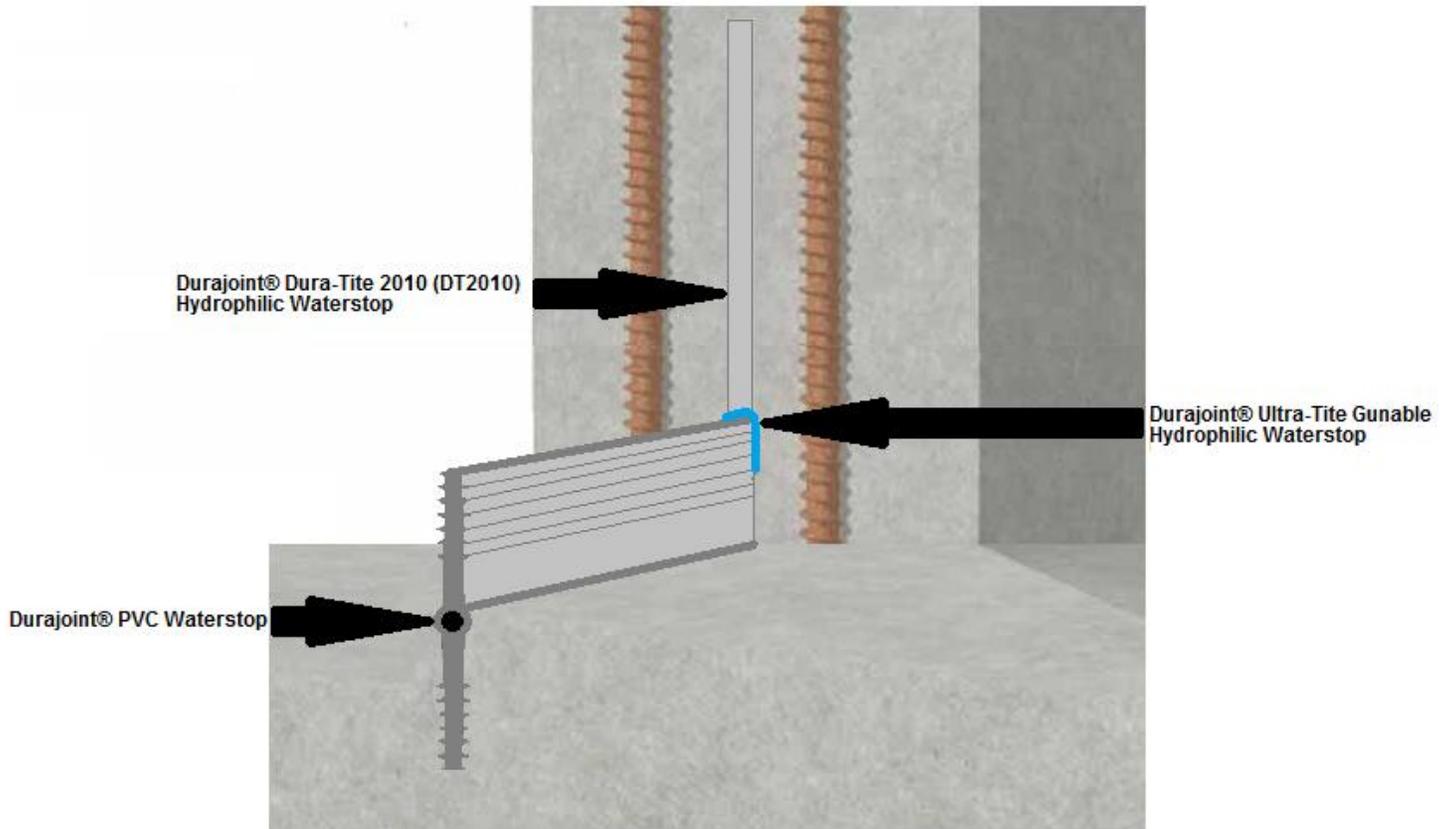
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## Ultra-Tite Gunable Hydrophilic Waterstop Use with PVC Waterstops

### Detail:

The following image is a typical joint detail for the application of Durajoint Ultra-Tite Waterstop when used to bridge the gap between Durajoint PVC (or TPER Waterstop) and Dura-Tite Chloroprene Rubber Hydrophilic Waterstop. Recommended installation instructions remain the same for this application.



### LIMITED LIFETIME WARRANTY:

This product is guaranteed to give satisfactory performance if applied in accordance with the label directions. Liability is limited to a full refund of the purchase price or product replacement if product is proven defective. DCA Construction Products shall not be liable for loss or damage, whether direct, consequential or incidental. There are no other warranties expressed or implied including the implied warranty of merchantability or fitness for a particular purpose.

DCA Construction Products specifically disclaims and makes no warranties, express or implied, about this product, its merchantability, or its fitness for a particular purpose. All recommendations, directions, and suggestions for its use are consistent with manufacturer testing and research for a variety of applications, but no promises, guarantees, or warranties are being made with regard to its use, whether or not consistent with the directions, or its effectiveness for any given application. Users of this product should do so in compliance with all applicable laws and regulations. User of this product should conduct its own field test, to assure results.

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