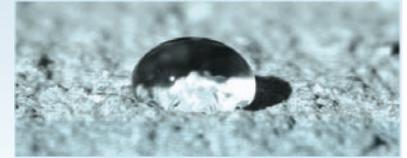


# Hycrete IntegraTek™ Waterproofing System



## 10 Year Performance-Based Warranty Membrane-Free Construction



### Description

The IntegraTek™ Waterproofing System includes Hycrete Element™, an advanced technology that works on the molecular level to block pores that are penetrable by damaging water and corrosive salts. Unlike external membranes or coatings, Hycrete Element™ protects both the concrete and reinforcement by limiting water absorption to less than 1% (under BSI 1881-122) and by forming a protective coating on steel rebar. IntegraTek™ is a full-service platform featuring comprehensive concrete and waterproofing quality control in addition to pre-and post-pour inspections and repairs. All products, service, and performance are guaranteed by the IntegraTek™ water-tight warranty.

### Features & Benefits

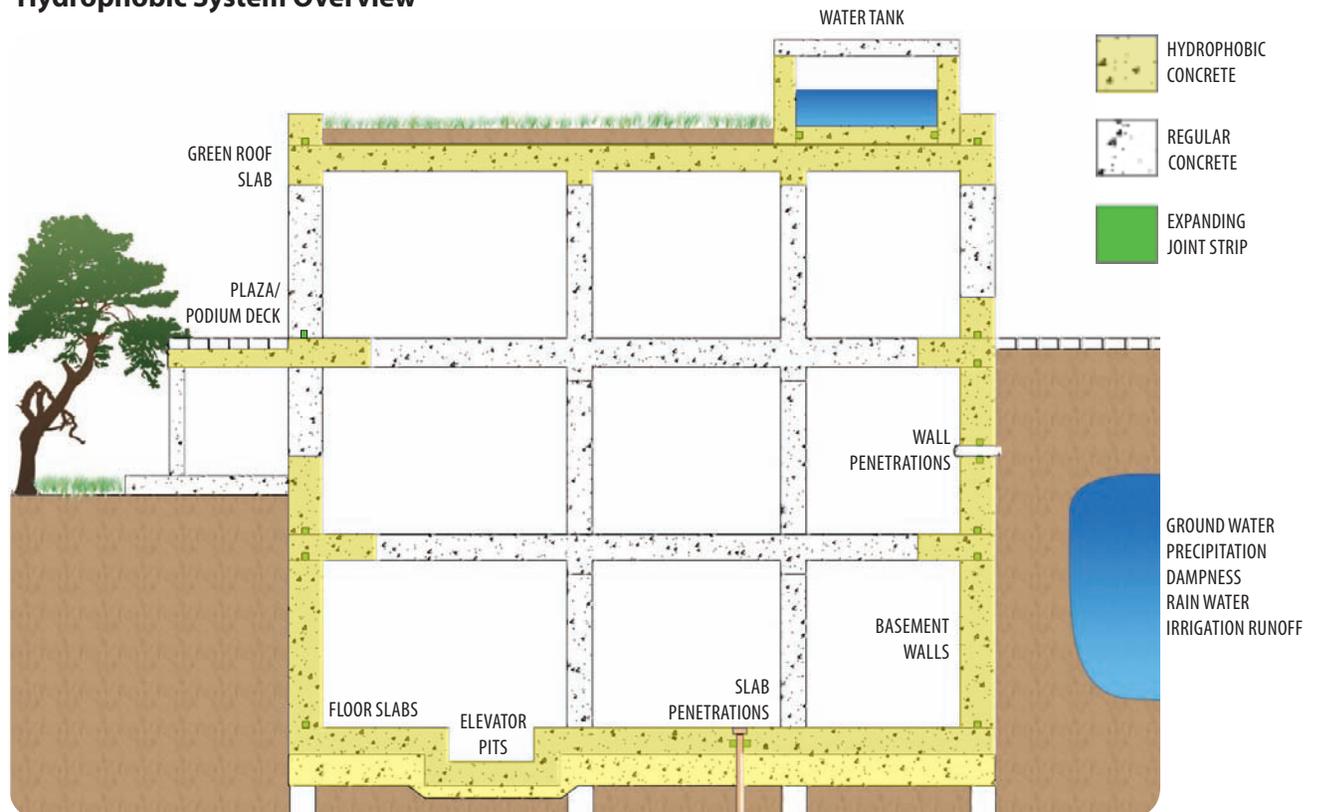
- ❖ Water-Tight Construction
- ❖ Performance Warranty
- ❖ Accelerated Construction & Reduced Delays
- ❖ Reduced Costs
- ❖ Enhanced Durability
- ❖ Simplified Process & Improved Safety
- ❖ Sustainable Construction

### Recommended Applications\*:

- ❖ Commercial Sub-Grade Walls & Slabs
- ❖ Retaining Walls
- ❖ Potable Water Tanks
- ❖ Water Treatment Facilities
- ❖ LEED Projects
- ❖ Parking Garages
- ❖ Podiums and Plaza Decks
- ❖ Tunnels

\* Please contact a Hycrete, Inc. representative for suitability of your application.

### Hydrophobic System Overview



## Product Notes

H Y C R E T E I N T E G R A T E K

■ <b>Admixture :</b>	Form: Liquid
■ <b>Hycrete Element™</b>	Color: Yellow
	Shelf Life: 2 years
	Specific Gravity: 1.04 - 1.07
	Chloride Content: Nil
	pH: 7.5 - 9.0
■ <b>Performance</b>	Water Absorption: Less than 1% under BSI 1881-122 when used according to Hycrete specifications
	Slump: Neutral
	Workability: Excellent
	Cure Time: Neutral
	Compressive Strength: Average 10% reduction (corrected via mix adjustments)
■ <b>Compatibility</b>	Most concrete admixtures and all variations of Portland cements or replacement materials such as PFA, GGBFS, and microsilica.
	Hycrete Element™ is compatible with most surface applied sealants and external membrane protection systems.
■ <b>Curing</b>	No special requirements. Concrete should be cured in accordance with the project specifications.
■ <b>Packaging</b>	1 gallon, 5 gallon pails; 55 gallon drums; 275 gallon totes; bulk tanker delivery
■ <b>Storage &amp; Handling</b>	Hycrete Element™ must be stored above 32 °F (0 °C) and below 158 °F (70 °C)
■ <b>Precautions</b>	For structural concrete applications, compressive strengths may be lower than control mixes. User should perform trial mixes prior to placement and make necessary adjustments to the mix design as needed.

## Warranty

The IntegraTek™ Waterproofing System includes a performance-based warranty that delivers a water-tight system for a period of up to ten years. Certain requirements must be met in order for a project to qualify for the IntegraTek™ Warranty, and in order to be valid, a designated Hycrete, Inc. representative must approve the project prior to its start. Not all projects meet the warranty criteria. Please consult with your Hycrete, Inc. representative for warranty details.

## Cradle to Cradle

*Cradle to Cradle* (C2C) is a nature-inspired design protocol that evaluates, optimizes, and certifies materials, products, and manufacturing processes for their human health, ecological, and life cycle impacts. Hycrete technology is certified as *Cradle to Cradle* Silver since it is composed of materials that are not environmentally hazardous or toxic towards humans, manufactured using renewable energy sources, and developed using recycled content as part of a closed loop manufacturing process.



## Related Documents

Material Safety Data Sheet : Hycrete Element™

## Additional Information

For additional information regarding Hycrete IntegraTek™ or its use, please contact your Hycrete, Inc. representative. For warranty concerns, please contact: 1-866-HYCRETE / 1-866-492-7383 or [warranty@hycrete.com](mailto:warranty@hycrete.com).

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Disclaimer: The information and recommendations relating to the application and end-use of Hycrete IntegraTek™ and Hycrete Element™ are based on data that Hycrete, Inc. considers to be true and accurate and is to be used for the users' consideration, examination, and confirmation, but Hycrete, Inc. does not warrant the results acquired. Materials, compositions, and site environments are varied and no warranty can be implied from this information or from any written recommendations, or from any other offered guidance. All orders are accepted subject to Hycrete, Inc.'s terms of sale and delivery. In order to qualify for Hycrete, Inc.'s performance-based warranty, Hycrete, Inc. needs to inspect and approve any project plans and specifications prior to use. Copies of the most recent version of the Product Data Sheet should always be referenced and are available upon request. \*\*See warranty sheet for further details (available upon request). Protected under one or more of the following U.S. patents: 7,261,923; 7,381,252, 7,498,090 and 7,407,535. Additional patents pending and/or issued in the U.S. and internationally.

