

# Compare Hycrete Solutions

	PRODUCT AND SERVICE		PRODUCT ONLY		
	Hycrete System W For Waterproof Construction, Membrane-Free	Hycrete System V For Moisture Vapor Protection in Concrete Flooring Applications	*Hycrete W1000 For Maximum Waterproofing Protection in Concrete	*Hycrete X1000 For Maximum Corrosion Protection in Concrete	*Hycrete W500 For Waterproof Concrete
<b>Description</b>	System approach to waterproof construction. Includes waterproof concrete (uses Hycrete W1000), world-class technical field service, and best-in-class, 10-year warranty (IntegraTek warranty).	System approach to protecting flooring and building interiors from moisture vapor-related problems. Includes waterproof concrete (uses Hycrete W1000), Hycrete-approved vapor barrier, world-class technical field service, and best-in-class, 10-year warranty (IntegraTek Vapor warranty).	Superior product offering hydrophobic integral concrete waterproofing. Low-odor, water-based product. Dosed at one gallon per cubic yard.	Dual action corrosion-inhibiting and waterproofing admixture. Designed to provide maximum corrosion protection. Dosed at two gallons per cubic yard.	Integral hydrophobic waterproofing product used when reducing absorption is critical but achieving less than 1% absorption is not essential. Low-odor, water-based product. Dosed at one gallon per cubic yard.
<b>Performance</b>	Watertight concrete construction. Addresses joints, penetrations and cracks that leak. Enhances corrosion protection.	Warranted protection against moisture-related flooring failures. Enhances corrosion protection.	Less than 1% absorption (BSI 1881-122); crack-healing capabilities; performs under hydrostatic pressure.	Demonstrated protection against reinforcement bar corrosion and chloride penetration over the control; up to 60% reduction at 7 days (ASTM C1585) ; up to seven times reduction in water absorption compared to control; crack-healing capabilities; performs under hydrostatic pressure.	50% or greater reduction in absorption compared to control concrete (BSI 1881-122); crack-healing capabilities; performs under hydrostatic pressure.
<b>Service</b>	Full service, including: <ul style="list-style-type: none"> <li>■ Guidance on construction details</li> <li>■ Mix guidance</li> <li>■ Onsite inspections, before, during and after pour</li> <li>■ Closing cracks that leak to ensure watertight performance</li> </ul>	Full service, including: <ul style="list-style-type: none"> <li>■ Guidance on construction details</li> <li>■ Mix guidance</li> <li>■ Onsite inspections, before, during and after pours</li> </ul>	Mix guidance on request.	Mix guidance on request.	Mix guidance on request.
<b>Warranty</b>	10-year IntegraTek performance warranty. "If it leaks, we fix it" warranty.	10-year IntegraTek Vapor performance warranty. If the floor fails due to moisture, we fix and replace it.	Less than 1% water absorption in the concrete.	Less than 1% water absorption in the concrete.	50% reduction in water absorption compared to control.
<b>Price</b>	Generally 20-30% less than installed membrane systems.	Generally 1/3 to 1/2 the price of surface-applied systems.	Generally less expensive than other hydrophobic waterproofing admixtures delivering less than 1% absorption. Comparable with other non-hydrophobic integral technologies.	Generally comparable to other corrosion inhibitors at their recommended dosage.	Generally comparable to other non-hydrophobic integral technologies.
<b>Time Savings</b>	Days to several weeks of construction time.	No changes or delays to the critical path (unlike surface-applied materials).	Can be used to replace sealers; days to weeks in reduced maintenance and down time.	Can be used to replace sealers; days to weeks in reduced maintenance and down time.	Can be used to replace sealers; days to weeks in reduced maintenance and down time.
<b>Environmental Benefits</b>	Points available solely from Hycrete use: <ul style="list-style-type: none"> <li>■ ID Credit 1 - "Membrane-Free Construction" Categories Hycrete can contribute to:</li> <li>■ MR 4.1/2 - Recycled Materials</li> <li>■ MR 5.1/2 - Sourced locally within 500 miles</li> <li>■ ID Credit 1 - 2.5% of Building Materials C2C</li> </ul>	Categories Hycrete can contribute to: <ul style="list-style-type: none"> <li>■ MR 4.1/2 - Recycled Materials</li> <li>■ MR 5.1/2 - Sourced locally within 500 miles</li> <li>■ ID Credit 1 - 2.5% of Building Materials C2C</li> </ul>	Categories Hycrete can contribute to: <ul style="list-style-type: none"> <li>■ MR 4.1/2 - Recycled Materials</li> <li>■ MR 5.1/2 - Sourced locally within 500 miles</li> <li>■ ID Credit 1 - 2.5% of Building Materials C2C</li> </ul>	Categories Hycrete can contribute to: <ul style="list-style-type: none"> <li>■ MR 4.1/2 - Recycled Materials</li> <li>■ MR 5.1/2 - Sourced locally within 500 miles</li> <li>■ ID Credit 1 - 2.5% of Building Materials C2C</li> </ul>	Categories Hycrete can contribute to: <ul style="list-style-type: none"> <li>■ MR 4.1/2 - Recycled Materials</li> <li>■ MR 5.1/2 - Sourced locally within 500 miles</li> <li>■ ID Credit 1 - 2.5% of Building Materials C2C</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>■ Parking garages</li> <li>■ Podiums and plaza decks</li> <li>■ Commercial sub-grade walls and slabs</li> <li>■ Retaining walls</li> <li>■ Water tanks: potable and grey water</li> <li>■ Water treatment facilities</li> <li>■ Tunnels</li> <li>■ Elevator pits, below-grade construction</li> </ul>	Below-, on- and above-grade slabs <ul style="list-style-type: none"> <li>■ Schools</li> <li>■ Hospitals</li> <li>■ Office buildings</li> <li>■ Medical offices</li> </ul>	<ul style="list-style-type: none"> <li>■ Extra protection for walls and slabs</li> <li>■ Above- and below-grade construction</li> <li>■ Water containment reservoirs</li> <li>■ Sewage and water treatment plants</li> <li>■ Underground vaults</li> <li>■ Tilt-up panel walls</li> <li>■ Precast components</li> <li>■ Architectural water features and fountains</li> <li>■ Bridges, dams and highway infrastructure</li> <li>■ Aquatic centers, marinas, zoos</li> </ul>	<ul style="list-style-type: none"> <li>■ Bridges and highway infrastructure</li> <li>■ Dams, reservoirs, and water and wastewater systems</li> <li>■ Ports &amp; marine structures</li> <li>■ Piling</li> <li>■ Tunnels</li> <li>■ Airport runways</li> <li>■ Rail &amp; metro systems</li> <li>■ Power &amp; telecom infrastructure</li> <li>■ Parking structures</li> </ul>	<ul style="list-style-type: none"> <li>■ Extra protection for walls and slabs</li> <li>■ Above- and below-grade construction</li> <li>■ Water containment reservoirs</li> <li>■ Sewage and water treatment plants</li> <li>■ Underground vaults</li> <li>■ Tilt-up panel walls</li> <li>■ Precast components</li> <li>■ Architectural water features and fountains</li> <li>■ Bridges, dams and highway infrastructure</li> <li>■ Aquatic centers, marinas, zoos</li> </ul>
<b>Compatibility</b>	Compatible with most concrete admixtures, surface-applied sealants and external protection systems.	Compatible with most concrete admixtures and coatings and not known to affect adhesion.	Compatible with most concrete admixtures. Air-entrainable and non-air versions available.	Compatible with most concrete admixtures. Air-entrainable and non-air versions available.	Compatible with most concrete admixtures. Air-entrainable and non-air versions available.

\*Air-entrainable and non-air versions are available for each admixture product. Hycrete W1000, X1000, and W500 are designed for use in non-air concrete mixes. Hycrete W1002, X1002, and W502 are for use in air-entrained concrete mixes.