TechCrete® Accelerating Agent is an acetic based solution designed to be used as part of the TechCrete 2500 Waterproofing System in order to decrease the time between application and use. TechCrete Accelerating Agent expedites and enhances the sealing and waterproofing of cracks in the concrete.

TechCrete Accelerating Agent is required for all TechCrete system warranty applications.

KEY BENEFITS
Long-term performance with no re-application or future maintenance required. Expedites and enhances the sealing and waterproofing of cracks in the concrete.

TYPICAL APPLICATIONS
- Rooftops & Podium Decks
- Precast elements & panels
- Specialty Applications
- Airport Runways, Taxiways, & Aprons
- Wharf Decks & Marine Structures
- Parking Deck
- Facades
- Tiled Showers

PRODUCT PROPERTIES
- Slight acetic odor
- Non-toxic & Biodegradable
- Percent non-volatile solids: 7.5%
- Flash point - no true flash - boils at 101°C (214°F)
- Auto-ignition temperature - N/A Non-explosive
- Viscosity -.890
- Hazardous chemicals - None
- pH 6.3 - 9.6

PERFORMANCE CHARACTERISTICS
- Increases the calcium content of the concrete
- Helps seals cracks up to 5/64” (2.0 mm)
- Non-Toxic and environmentally safe

PRECAUTIONS
Protect glass, aluminum, wood and painted surfaces, terra-cotta and glass-glazed tiles, red brick, marble and travertine from over-spray.

APPLICATION
TechCrete Accelerating Agent should only be applied to a surface that has already received treatment from TechCrete Waterproofing Agent. TechCrete Accelerating Agent is required for any system warranties offered by Alchemco. Any additional application questions should directed to the Technical Department at 800-610-2895.

Do not apply where ambient temperatures are below +39°F (+4°C) or above +95°F (+35°C).

Application Rates
Normal: 1 gallon per 200 square feet (1 liter to 5 square meters) on average. Can vary depending on substrate absorption, including the age of concrete and original density.

Application Method
1. On Day 1 - Apply TechCrete 2500 Waterproofing Agent in accordance with its directions and application rates. When the surface becomes touch dry - (usually 2-6 hours depending on wind conditions and ambient temperature) flood spray the treated areas with water. If the product is still wet at 6 hours, begin first watering.

2. On Day 2 - 24 hours after application of TechCrete 2500 Waterproofing Agent, apply TechCrete Crack & Void Treatment to all cracks that are less than 5/64” (2.0 mm), then apply TechCrete Accelerating Agent to the entire surface of the concrete.

3. On Day 3 - 24 hours later water again.

4. After the third watering, block drains and pond area for a minimum of 12 hours to verify the waterproof seal.

Performance Timeline
The TechCrete Waterproofing System utilizes a modified silicate gel forming technology to stop water penetration. TechCrete Waterproofing System agents penetrate into the concrete. The addition of TechCrete Accelerating Agent reacts with the TechCrete Waterproofing Agent to form a barrier to water, stopping the water from within the concrete rather than on the surface. The technology is catalytic in nature and requires between 3 – 5 days for the products to reach full water stopping capabilities. Full waterproofing should not be expected until complete gel formation has been achieved. NOTE: The surface will continue to accept water, so a flood test is required to determine if full waterproofing has been achieved.
LIMITATIONS
TechCrete Accelerating Agent is not a sealing solution, it enhances the effectiveness of the TechCrete 2500 Waterproofing System and should never be used without the application of the TechCrete 2500 Waterproofing Agent.

PACKAGING
TechCrete Accelerating Agent is supplied in the following sizes:
- 1 gallon bottles   (3.8 liters)
- 5 gallon pails    (18.92 liters)
- 55 gallon drums  (208.2 liters)

SHELF LIFE & STORAGE
Containers should be sealed and kept in a cool, dry location. Avoid prolonged exposure to direct sunlight. If properly maintained this product has a shelf life of one (1) year.

WARNINGS
This product may be harmful if swallowed. Wash hands, face and any exposed skin thoroughly after handling. Keep container tightly closed. Do not eat, drink or smoke when using this product.

IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician. Rinse mouth.

See Safety Data Sheet for further details regarding safe use of this product. Alchemco 8590 Sanford Drive, Henrico, VA 23228 800-610-2895

WARRANTY & SYSTEMS
The following warranties require the use of TechCrete Accelerating Agent and are only available when the full system is applied by a TechCrete Certified Applicator;


The following warranties are available when using TechCrete Accelerating Agent;

• New & Existing Construction: TechCrete 20-Year Limited Liability Material Warranty. This warranty requires the project to be registered.

• New & Existing Construction: TechCrete 2-Year Limited Liability Material Warranty.

For additional information about the Alchemco system specifications or available warranties, either contact your local Alchemco distributor or Alchemco’s Technical Department at info@alchemco.com or call 800-610-2895.