

ACRtec Surface Accelerating Agent is an acetic based solution designed to be used on **existing concrete** and in combination with Alchemco's TechCrete 2500, CretePro and BridgeDECK products. ACRtec Surface Accelerating Agent increases the effectiveness of these products to seal small cracks and voids in the concrete. This product should only be used in combination with these products on concrete surfaces. Do not use for general applications.

KEY BENEFITS

- Increases the calcium content of the concrete
- Enhances the sealing of cracks on initial application and will help to seal future cracks.
- Non-toxic

PHYSICAL PROPERTIES

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

APPLICATION

NOTE: Any Alchemco system products should only be applied when the surface temperature is 50°F (10°C) and rising or 100°F (38°C) and falling. Temperature should be measured with a infrared hand held thermometer.

1. TechCrete 2500, CretePro and BridgeDeck products require that the surface of the concrete being treated be clean and free of dirt and debris. The method of cleaning the concrete surface depends on the severity of the dirt and contaminants contained within the concrete. There are many products within the Alchemco ACRtec line of products for cleaning and prepping the surface of concrete.

2. Apply TechCrete 2500, CretePro or BridgeDECK products in accordance with each products directions and application rates. When the surface becomes dry to the touch - (usually 2-5 hours depending on wind conditions and ambient temperature) wash down the treated areas with water. If the product is still wet after 5 hours, begin washing to remove excess material from the surface of the concrete.

3. Once the washing has been completed and the surface has become dry to the touch, begin the application of ACRtec Crack Accelerating Agent to all cracks. Apply the product directly into the cracks.

4. Once the ACRtec Crack Accelerating Agent has been applied, the application of the ACRtec Surface Accelerating Agent may begin. Apply the product in a uniform and even rate in the same manner as the waterproofing product was applied.

5. Once both the ACRtec Crack Accelerating Agent and ACRtec Surface Accelerating Agent have been applied, allow the entire application to dry to the touch. Once dry to the touch, begin washing the excess material from the surface of the concrete.

6. Washing of the excess material is important to ensure that product does not dry on the surface. Dry product on the surface will leave white streaks that may not be aesthetically pleasing.

PERFORMANCE TIMELINE

When used in combination with TechCrete 2500 Waterproofing Agent and CretePro products, ACRtec Surface Accelerating Agent becomes integral with the products creating a bio-based modified gel-forming technology to stop water penetration. The chemical reaction that creates this barrier is catalytic in nature and may require 3-5 days to reach full water stopping capabilities. Full waterproofing should not be expected until complete gel formation has been achieved.

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APPLICATION RATES & PACKAGING

Coverage rate: 900 - 1,000 ft² / 5 gallon pail
 84 - 93 m² / 19 liter pail
 9,900 - 11,000 ft² / 55 gallon drum
 919.75 - 1022 m² / 19 liter pail

Packaging: 5 gallon pail / 20 liter pail
 55 gallon drum / 220 liter drum

NOTE: The coverage rate is based upon an average application and may be higher or lower depending on concrete porosity.

SYSTEM COMPATIBILITY

This product may be required to be used in the following TechCrete 2500 Waterproofing Systems where a Material & Labor Warranty is to be issued:

- Concrete
- CMU Masonry
- Brick Masonry
- Concrete Planters
- Water Features
- Vegetative Roofs

SHELF LIFE & STORAGE

Containers should be sealed, kept in a cool & dry location, and should avoid prolonged exposure to direct sunlight. These methods should be practiced when shipped, stored, and on-site. If properly maintained, this product has a shelf life of two (2) years. Please adhere to the same storage advisories when product is being stored on the project site.

PRECAUTIONS

Protect glass, terracotta and glass-glazed tiles, marble and travertine from over-spray.



WARNINGS



DANGER!

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. Safety Data Sheets for any Alchemco product may be obtained by contacting:

Alchemco, 3532 Mayland Court, Henrico, VA 23233. 800-610-2895 or emailing technical@alchemco.com or calling:

**CHEMTREC 800-424-9300 (US)
 703-741-5970 (International).**



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