



**SPECChem**  
Solution to Service

# SpecGuide

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# INDUSTRY INVOLVEMENT

At SpecChem, we take our commitment to being an industry leader very seriously. We serve five key concrete markets – commercial, industrial, residential, DOT & infrastructure, and repair & restoration. If there's an industry trade group or association involved with these key market segments – or the industry in general – there's a pretty good chance we're involved. Some of the organizations we participate in and support:



# SpecChem: The Company

## About SpecChem

We are a Kansas City-based manufacturer supplying the concrete distributor network with high quality, industry-leading concrete construction materials.

We manufacture a full line of liquid chemical technologies, including form release agents, paving and curing compounds, evaporation retarders, cures & hardeners, bond breakers, sealers, bonding agents and surface retarders, as well as an array of cleaning and stripping products.

Additionally, we manufacture a line of epoxy products that include adhesive bonding agents, epoxy sealers and coatings, and high-strength epoxy mortars and grouts.

Our comprehensive line of cementitious grouts, repair mortars, underlayments and overlayments, and specialty concrete accessories round out an exhaustive line-up designed to provide quality, innovation, and value to distributors, specifiers, and contractors.

## The Company

We've worked hard to build, maintain, and continue growing a strong team of experienced industry professionals focused on building solid, long-term relationships, increasing distributor profitability, continually evolving and developing new products, and providing premium, best-in-class customer service.

With over 300 years of collective industry experience and expertise, we are well positioned to continue expanding our leadership role in an industry poised for growth.







# Form Release Agents

Products that improve the release of your formwork.



## Bio Strip WB

Bio Strip WB is a 100% natural, organic, chemically reactive release agent, ideal for sensitive environmental situations such as bridge formwork over rivers and streams or potable water reservoirs. Bio Strip WB provides quick, easy release and leaves an architectural bondable concrete surface.

Available in 5, 55, and 275 gal units



## Bio Strip WB Concentrate

Bio Strip WB Concentrate is a 100% biodegradable, chemical release agent emulsion concentrate that, when properly diluted with water, (4-to-1) provides a positive release ideal for sensitive environmental situations such as bridge formwork over rivers and streams or potable water reservoirs. Bio Strip WB Concentrate provides quick, easy release on wood, steel, aluminum, and elastomeric liners and leaves an architectural bondable concrete surface.

Available in 5, 55, and 275 gal units



## Dry-Deck WB

Dry-Deck WB dries to form a durable, clear, waxy film which chemically reacts with the concrete to produce a smooth, architectural concrete finish. Dry-Deck WB provides quick, easy release and leaves an architectural bondable concrete surface.

Available in 5, 55, and 275 gal units





## PROJECT HIGHLIGHT



# SPORTING KANSAS CITY

## Children's Mercy Park

### Bio Strip WB, E-Cure, SpecRez

Children's Mercy Park, home of MLS team Sporting Kansas City, is an award-winning 18,500-seat stadium hosting Major League Soccer matches and other field sports, with additional capacity of up to 27,000 for concerts.

The facility includes a number of amenities for players, including a high-end clubhouse area, complete with hydrotherapy room, shower areas, cardiology workout rooms, and players' lounges, as well as locker rooms, the team doctor's office, reception and maintenance areas, and administrative and support areas. An outdoor plaza area located on the west side of the stadium is utilized for concerts and private events.

SpecChem's system of environmentally friendly chemical solutions were utilized during all concrete phases of construction. Bio Strip WB ensured a clean, consistent, architectural release on all concrete from the first tie-back walls, piers, and footings to final field-level walls, stairs, and risers. E-Cure was applied to columns, as well as all interior hard-trowelled slabs to cure, densify and strengthen. SpecRez was used as the curing compound on all exterior slabs.

..... Steps to Success .....

# ALUMINUM FORMING SYSTEM

## SEASON

### FORM SEASONING WB

Form Seasoning WB is a water-based treatment for new aluminum forms. It oxidizes the elemental aluminum on the surface of new aluminum forms to properly season and prepare them for use.

## PREVENT

### SPECSTRIP

SpecStrip is a chemically reactive release agent specially engineered to positively prevent bonding of the concrete to forms and form liners.

## RELEASE

### TRIACT

TriAct is a concentrated, highly reactive petroleum mixture that, when properly diluted, can be used as a reactive form release agent, an aluminum form "seasoning" agent, and a softener and maintenance coating.

## REMOVE

### SPECBLAST

A chemically reactive liquid formulated to soften and remove concrete build up from concrete tools and equipment. SpecBlast is designed to help avoid the damaging effects of sandblasting, bush hammering and jackhammering hardened concrete from equipment.





## Form Seasoning WB

Form Seasoning WB is a water based treatment for new aluminum forms. It oxidizes the elemental aluminum on the surface of new aluminum forms to properly season and prepare them for use. Once seasoned, use a quality reactive form release agent like SpecStrip to produce a clean release.

Available in 5, 55, and 275 gal units



## SpecStrip

(Available in Ultra Low VOC)

SpecStrip is a chemically reactive release agent specially engineered to positively prevent bonding of the concrete to forms and form liners, and contains no waxes or silicones. SpecStrip is made to improve the release of formwork, reduce concrete buildup on formwork and liners, reduce cleaning of formwork, prevent rust on forms, and reduce stains or discoloration.

Available in 5, 55, and 275 gal units



## SpecStrip WB

SpecStrip WB is a reactive water-based release agent for all types of concrete forms. Forms treated with SpecStrip WB release easily, minimizing the number of bug holes. Spec Strip WB will not damage styrene bead or form liners. It leaves a coating on steel forms that inhibits rust. May contribute to **LEED credits**.

Available in 5, 55, and 275 gal units



## SpecStrip Plus

SpecStrip Plus is a premium chemically reactive release agent designed to positively prevent bonding of the concrete to wood, steel, and aluminum forms. SpecStrip Plus contains no diesel, kerosene, waxes, or silicones. SpecStrip Plus offers superior performance, improving release of formwork, reducing concrete buildup on formwork, and prevents rust on forms. Leaves no residue or stains.

Available in 5, 55, and 275 gal units



## SpecStrip Supreme

SpecStrip Supreme is a highly refined chemically reactive release agent specially engineered to positively prevent bonding of the concrete to forms and form liners, protect forms from rust, reduce concrete buildup on formwork and liners, and leave no residue or stains. SpecStrip Supreme contains no diesel, kerosene, waxes or silicones.

Available in 5, 55, and 275 gal units



## Deco Liquid Release

Deco Liquid Release is a colorless liquid release formulated and recommended for use with decorative, elastomeric concrete texturing mats. It forms a lubricating barrier that prolongs the life of the imprinting tools by decreasing the friction between the mats and the concrete.

Available in 5, 55, and 275 gal units



## Precast 80

Precast 80 is a chemically reactive, fast drying release agent specially engineered to positively prevent bonding of the concrete to forms in precast and shop use applications. Precast 80 prevents rust and leaves no residue. Contains no diesel, waxes or silicones.

Available in 5, 55, and 275 gal units



## TriAct

TriAct is a concentrated, highly reactive petroleum mixture that, when properly diluted, can be used as a reactive form release agent, an aluminum form “seasoning” agent, or a concrete softener and maintenance coating. This versatility reduces the need to inventory multiple products.

Available in 5, 55, and 275 gal units



## SpecStrip 100 VOC

SpecStrip VOC 100 is a highly refined, chemically reactive release agent specially engineered to positively prevent bonding of the concrete to forms and form liners while complying with the most stringent VOC regulations, including SCAQMD. When properly applied, SpecStrip VOC 100 will not leave any residue or stain on the concrete, producing a smooth, architectural concrete surface ready for subsequent coatings. **SCAQMD** compliant.

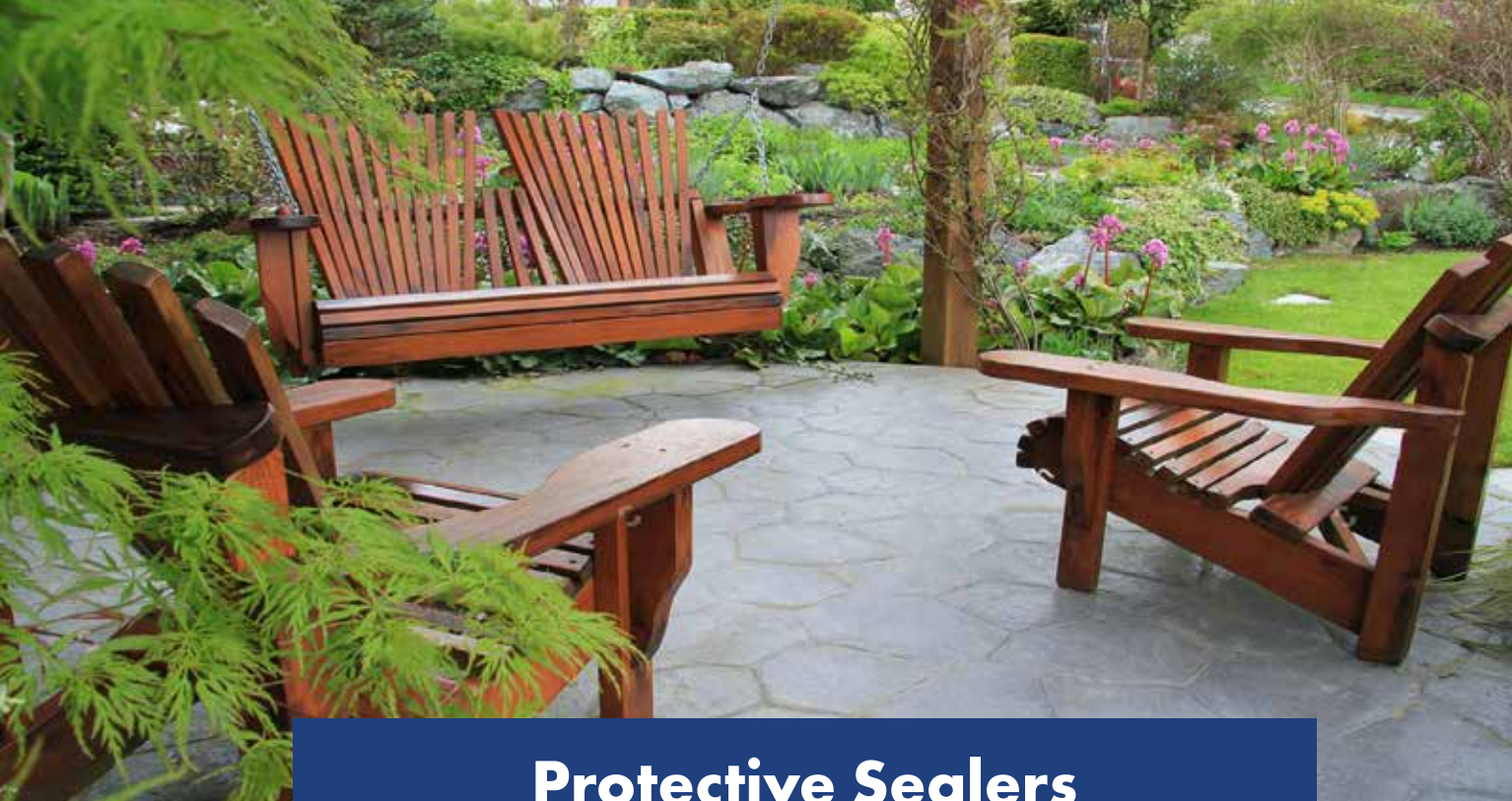
Available in 5, 55, and 275 gal units

**SAFE AND EFFECTIVE**



### Looking for a low VOC form release agent that contributes to LEED credits?

Our green-conscious **Bio Strip WB** is our 100% natural, organic, chemically reactive release agent, and is ideal for sensitive environmental situations such as bridge formwork over rivers and streams or potable water reservoirs. **Bio Strip WB** provides a quick and easy release, leaving an architectural bondable surface with no residue. And with a VOC content of less than 20 grams per liter, **Bio Strip WB** meets the stringent emissions requirements for OTC and SCAQMD.



## Protective Sealers

Specially formulated to meet a variety of applications and needs.

The strength and durability of the concrete will only be fully achieved if it is cured properly. It is very important to cure and seal concrete immediately after final finishing. The process of curing is essential in that it helps to:

- Reduce curling, scaling and crazing
- Reduce plastic shrinkage cracks
- Allow for a more uniform color
- Reduce dusting
- Achieve proper hydration of concrete for maximum strength and durability

### Deco Shine

Deco Shine is a methacrylate cure and sealer developed specifically for exterior applications, including exposed aggregate and other decorative concrete surfaces. Deco Shine provides a clear, protective coating that brings out the radiance and luster of all natural aggregate and preserves a long lasting, durable finish.

Available in 1, 5, or 55 gal units







# WHEN "GOOD ENOUGH" SEALERS AREN'T GOOD ENOUGH.

Find the perfect sealer for your job. Whether you prefer the glossy, wet look, a smooth satin finish, or desire the protection, but want to enjoy the natural colors and textures of your stamped concrete or masonry, SpecChem offers a protective decorative sealer that's right for you.

Our Deco Shine and Crystal Shine products give you that popular wet look to enhance and beautify stained or stamped patios, pool decks, walkways, exposed aggregate, and more, while also giving you maximum protection.

If you're looking for a satin-gloss, matte finish, our Aqua Shine water-based acrylic sealer will beautify and protect your exposed aggregate, natural stone, brick, quarry tile, terrazzo, and other concrete surfaces from the damaging effects of weather and de-icing salts, providing resistance to abrasion and a wide range of chemicals and oils.

Finally, if you want to keep the natural look of your concrete and masonry surfaces, decks, pavements, parking structures, and more – but still have protection from the corrosive effects of de-icing salts, moisture and weathering – then SpecShield WB, our clear, 100% reactive, penetrating waterborne silane-siloxane sealer offers long-lasting protection for interior and exterior concrete surfaces, both old and new.





## Deco Shine Matte

Deco Shine Matte is a methacrylate cure and sealer developed specifically for exterior applications, including exposed aggregate and other decorative concrete surfaces. Deco Shine Matte provides a clear, protective coating that produces a subtle, satin “matte” finish that highlights the color and texture of surfaces without excessive shine. Deco Shine Matte is ideal for stained concrete, exposed aggregate slabs, walkways, swimming pool decks, and walls.

Available in 1, 5, or 55 gal units



## Crystal Shine

(Available in High Solids)

Crystal Shine is a lacquer sealer developed for interior and exterior applications to bring out the radiance and luster of exposed aggregate and other decorative concrete surfaces with a durable protective finish. Crystal Shine is ideal for stained concrete, exposed aggregate slabs, walkways, swimming pool decks, and walls. Crystal Shine is formulated with a unique solvent blend allowing fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO/SCAQMD** regions.

Available in 1, 5, or 55 gal units



## Crystal Shine Matte

Crystal Shine Matte is a lacquer sealer developed for interior and exterior applications to bring out the radiance and luster of exposed aggregate and other decorative concrete surfaces with a durable protective coating that produces a subtle, satin “matte” finish. Crystal Shine Matte is ideal for stained concrete, exposed aggregate slabs, walkways, swimming pool decks and walls. Crystal Shine Matte is formulated with a unique solvent blend allowing fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO/SCAQMD** regions.

Available in 1, 5, or 55 gal units



## Surface Grip

Surface Grip is a finely ground, slip resistant polymer additive designed specifically to improve the slip resistance of film forming sealers. Surface Grip can be added to all SpecChem and most other manufacturer's water and solvent based film-forming sealers. It is ideal for use on surfaces where water or moisture can accumulate, such as pool decks, garage floors, driveways, patios, walkways, and other smooth surfaces.

3 oz. or 15 oz. bottles



## Aqua Shine

Aqua Shine is a water-based, methacrylate cure and sealer developed for interior and exterior applications, such as exposed aggregate, natural stone, brick, quarry tile, terrazzo, and other concrete surfaces. This non-yellowing, low odor, durable sealer enhances the appearance of all treated surfaces with a wet look, satin sheen. Aqua Shine protects sealed surfaces from the damaging effects of de-icing salts, and acts as a binder to minimize aggregate pop-out.

Available in 1, 5, or 55 gal units



## Surface Shine

Surface Shine is a transparent, high gloss, non-yellowing acrylic polymer engineered as a cure and seal specifically for exterior surfaces such as exposed aggregate, natural stone, brick, quarry tile, terrazzo, and other concrete surfaces. It is also suitable for interior applications. This non-yellowing, durable sealer enhances the appearance of all treated surfaces with a high gloss sheen.

Available in 5 or 55 gal units



## Surface Shine EX

Surface Shine EX is a VOC compliant, high gloss, non-yellowing acrylic polymer engineered as a cure and seal specifically for exterior surfaces such as exposed aggregate, natural stone, brick, quarry tile, terrazzo, and other concrete surfaces. Surface Shine EX is formulated with a unique solvent blend allowing fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO** regions.

Available in 5 or 55 gal units



## Surface Shine WB

Surface Shine WB is a high solids, water-based, non-yellowing acrylic polymer engineered as a sealer specifically for exterior surfaces such as exposed aggregate, natural stone, brick, quarry tile, terrazzo, and other concrete surfaces. It is also suitable for interior applications. This non-yellowing, low odor, durable sealer enhances the appearance of all treated surfaces with a high gloss sheen.

Available in 5 or 55 gal units



## Surface Shine Gray

Surface Shine Gray is a VOC compliant acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Surface Shine Gray is a light gray pigmented acrylic sealer that dries to a medium to light gray finish.

Available in 5 or 55 gal units



## Surface Shine Gray EX

Surface Shine Gray EX is a VOC compliant gray pigmented acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Surface Shine Gray EX is formulated with a unique solvent blend allowing fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO** regions.

Available in 5 gal units





### Surface Shine Brown

Surface Shine Brown is a VOC compliant acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Surface Shine Brown is a light brown pigmented acrylic sealer that dries to a medium to light brown finish and enhances and tints the cement paste of Merrimack Brown exposed aggregate surfaces.

Available in 5 or 55 gal units



### Surface Shine Brown EX

Surface Shine Brown EX is a VOC compliant brown pigmented acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Surface Shine Brown EX is a light brown pigmented sealer that enhances and tints the cement paste of Merrimack Brown exposed aggregate surfaces.

Available in 5 gal units

## ABOUT SPECHEM

### SpecChem R&D

With a state-of-the-art laboratory based in one of our Kansas City plants and quality control labs in every plant around the country, our research and development and quality control teams are on top of everything, from ensuring every batch of product we ship meets industry standards to exploring new and exciting products to meet your demands.

Our investment in research and development is one of our key differentiators in establishing SpecChem as a best-in-class manufacturer. On-going updates to our laboratory and quality control facilities, combined with some of the most knowledgeable and experienced minds in the industry, help ensure that we are more than just serving our customers – we're fostering innovation in the industry.

## Curing Compounds and Cure & Sealers

Formulated to improve hydration, durability, and offer protection.



### E-Cure

E-Cure is a clear concrete curing compound developed using innovative technology to cure concrete as well as resolve compatibility issues related to flooring adhesives. E-Cure is a spray-applied concrete cure, hardener, and dustproof. E-Cure penetrates and forms a temporary membrane to cure, densify, harden, and dustproof concrete, and is essential for maximum strength development. Meets the moisture retention requirements of **ASTM C309 Type 1 and 1-D, Class A** on hard-troweled concrete surfaces. May contribute to **LEED credits**

Available in 5 or 55 gal units



### SC Cure 500®

SC Cure 500® is a technologically advanced concrete curing compound formulated to cure hard-troweled concrete that is expected to be treated with a lithium silicate hardener/densifier, such as LithSeal SC. SC Cure 500® penetrates and forms a temporary membrane to cure, densify, harden and dustproof concrete, and is essential for maximum strength development. Meets the moisture retention requirements of **ASTM C309 Type 1 and 1-D, Class A** on hard-troweled concrete surfaces.

Available in 5 or 55 gal units



### SpecRez

SpecRez is a water-based dissipating resin-based emulsion curing compound for use on freshly finished horizontal and vertical concrete surfaces. SpecRez is formulated to provide an effective curing membrane that will begin to dissipate after exposure to sunlight, weathering and/or traffic. May contribute to **LEED credits. ASTM C309 Type 1 and 1-D, Class A & B** compliant.

Available in 5 or 55 gal units



## Crystal Rez

Crystal Rez is a clear, dissipating, resin water-based emulsion curing compound for use on freshly finished horizontal and vertical concrete surfaces. Crystal Rez is formulated to provide an effective curing membrane that will dry to a clear (non-yellowing) membrane. Crystal Rez will provide a more cost effective alternative to cure & seals without the unsightly yellow/amber appearance of other dissipating resins. May contribute to **LEED credits. ASTM C309 Type 1 and 1-D, Class A & B** compliant.

Available in 5 or 55 gal units



## Cure & Seal 25

Cure & Seal 25 is a VOC compliant, non-yellowing, acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal 25 provides a tough glossy film that is resistant to abrasion and common staining materials, reduces clean-up costs, brightens floors, and improves concrete's resistance against de-icing salts. **ASTM C309** and **ASTM C1315** compliant.

Available in 5 or 55 gal units



## Cure & Seal 25 EX

Cure & Seal 25 EX is a VOC compliant, non-yellowing, acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal 25 EX is formulated with a unique solvent blend allowing fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO** regions. **ASTM C309, Type 1 and 1-D, Class A & B** and **ASTM C1315** compliant.

Available in 5 or 55 gal units

## Industry Knowledge



### WHAT IS ASTM C309?

Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

ASTM C309 is the most common concrete curing specification in use today. It covers liquid membrane-forming compounds suitable for application to concrete surfaces to reduce the loss of water during the early-hardening period. According to ASTM.org, ASTM C309 states that the curing compound must form a membrane that has moisture retention properties equaling 0.55 Kg/M2 in 72 hours when applied at 200 square feet per gallon.

The physical appearance is described by three types, and the solids characterized by two classes:

Type 1 - clear or translucent, without dye.

Type 1-D - clear or translucent, with fugitive dye.

Type 2 - white pigmented.

Class A - no restriction on vehicle solids in the curing compound.

Class B - vehicle solids restricted to all resin material.

Exclusion: Sodium Silicate based curing compounds are excluded.

Drying time: The liquid membrane-forming compound shall be dry to the touch in not more than 4 hours.





### Cure & Seal 25 UV

Cure & Seal 25 UV is a VOC compliant, acrylic non-yellowing polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal 25 UV is formulated to provide maximum color stability in a high gloss finish. Cure & Seal 25 UV is stable under ultra-violet light and is suitable for both exterior and interior use. **ASTM C309, Type 1 and 1-D, Class A & B** and **ASTM C1315** compliant.

Available in 5 or 55 gal units



### Cure & Seal 25 UV EX

Cure & Seal 25 UV EX is a VOC compliant, non-yellowing, acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal 25 UV EX is formulated with a unique solvent blend allowing fast-drying, solvent-base performance along with VOC compliance in the **OTC/LADCO/MRPO** regions. **ASTM C309, Type 1 and 1-D, Class A & B** and **ASTM C1315** compliant.

Available in 5 or 55 gal units



### Cure & Seal 30

Cure & Seal 30 is a high solids, VOC compliant, acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal 30 provides a tough, glossy film that is resistant to abrasion and common staining materials, reduces clean-up costs, brightens floors, and improves concrete's resistance against de-icing salts. **ASTM C309, Type 1 and 1-D, Class A & B** and **ASTM C1315, Class A** compliant.

Available in 5 or 55 gal units



### Cure & Seal 30 EX

Cure & Seal 30 EX is a high solids, VOC compliant, acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal 30 EX is formulated with a unique solvent blend allowing fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO** regions. **ASTM C309, Type 1 and 1-D, Class A & B** and **ASTM C1315, Class A** compliant.

Available in 5 or 55 gal units



### Cure & Seal WB

Cure & Seal WB is a water-based, non-yellowing, VOC compliant acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. May contribute to **LEED credits**. **ASTM C309, Type 1 and 1-D, Class A & B** and **ASTM C1315** compliant.

Available in 5 or 55 gal units

## WHAT IS ASTM C1315?

ASTM C1315 replaces TTC-0800 as the curing and sealing specification for the industry.

This specification covers the performance requirements for membrane-forming liquids suitable for use as curing compounds and sealers for fresh and hardened concrete. Each membrane should have good alkali resistance, acid resistance, adhesion-promoting qualities, and resistance to degradation by UV light. The materials are limited to clear or translucent and white pigmented materials, all of which are classified into non-yellowing, moderately yellowing, or yellows or darkens unrestrictedly.

Type 1 - clear or translucent.

Type 2 – white pigmented.

Class A – non-yellowing, Gardner Color Standard No. 1

Class B – Moderate yellowing, Gardner Color Standard No. 3

Class C - Severe darkening and yellowing.

Minimum Solids Content: Type 1 and 2 are both a minimum of 25%

### Industry Knowledge



#### Cure & Seal WB 25

Cure & Seal WB 25 is a high-solids, water-based, nonyellowing, VOC compliant, acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal WB 25 provides a tough, glossy film that is resistant to abrasion and common staining material, prevents the adhesion of cementitious droppings, and brightens floors. **ASTM C309, Type 1 and 1-D, Class A & B and ASTM C1315** compliant.

Available in 5 or 55 gal units



#### Cure & Seal WB 30

Cure & Seal WB 30 is a high-solids water-based, VOC compliant acrylic polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. Cure & Seal WB 30 provides a tough glossy film that is resistant to abrasion and common staining material, prevents the adhesion of cementitious droppings, and brightens floors. **ASTM C309, Type 1 and 1-D, Class A & B and ASTM C1315** compliant.

Available in 5 or 55 gal units



#### Cure Shield

Cure Shield is a unique solvent based blend of silane and pure, non-yellowing, acrylic copolymers designed to cure, seal, harden, and dustproof fresh concrete and provide additional protection to existing concrete. In addition to forming an effective film-forming curing and sealing compound, it also contains silane. Silane penetrates the fresh concrete and provides protection against spalling and deterioration of concrete structures caused by de-icing salts. **ASTM C309, Type 1 and 1D, Class A & B and ASTM C1315** compliant.

Available in 5 or 55 gal units



## Cure Shield EX

Cure Shield EX is a unique solvent-based blend of silane and pure, non-yellowing, acrylic copolymers designed to cure, seal, harden, and dustproof fresh concrete and provide additional protection to existing concrete. In addition to creating an effective film-forming curing and sealing compound, it also contains silane. Silane penetrates the fresh concrete and provides protection against spalling and deterioration of concrete structures caused by de-icing salts. **ASTM C309, Type 1 and 1-D, Class A & B and ASTM C1315** compliant.

Available in 5 or 55 gal units



## PROJECT HIGHLIGHT



## Amazon Warehouse

### Cure & Seal 30 EX, Cure & Seal WB 30

Prologis Etna is a state-of-the-art, master-planned business park project anchored by a 1.5 million sq. ft. Amazon fulfillment center strategically located in Columbus, Ohio. We worked closely with the general contractor, Clayco, the concrete contractor, Unlimited Concrete Solutions, and Amazon to find the best possible product solution for curing and sealing the interior base and elevated slabs in less than optimal weather and conditions.

Unlimited Concrete used 50 drums of Cure & Seal 30 EX on the interior base slabs. By using a solvent-based cure and seal, Unlimited Concrete was able to pour and seal in colder-than-normal winter conditions. Over 60 drums of Cure & Seal 30 WB were used on the elevated slabs the following spring.





# Paving Curing Compounds

Curing Compounds for highways, airports, parking lots, and more.



## SpecCity White

SpecCity White is a white pigmented concrete curing compound. When properly applied, SpecCity White forms a continuous membrane that controls curing for strong and durable concrete. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat build-up. SpecCity White is ideal for application on exterior horizontal surfaces such as street and curb paving applications when proper curing is required. **ASTM C309, Type 2, Class A** compliant.

Available in 5 or 55 gal units



## Pave Cure AMS

Pave Cure AMS is a high solids white pigmented polyalpha-methylstyrene (AMS) concrete curing compound. When properly applied, Pave Cure AMS forms a continuous membrane that controls curing for strong and durable concrete. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat build-up. Pave Cure AMS provides maximum retention for the most stringent concrete curing specifications. **ASTM C309, Type 2, Class A & B** compliant. **DOT Approved.**

Available in 5, 55, or 275 gal units



## Pave Cure WW

PaveCure WW is a high solids, wax and water-based white pigmented concrete curing compound. When properly applied, PaveCure WW forms a continuous membrane that controls curing for strong and durable concrete. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat build-up. Pave Cure WW is ideal for application on exterior horizontal surfaces such as highways, airports, street, and curb paving applications where proper curing is required. **ASTM C309, Type 2, Class A** compliant. **DOT Approved.**

Available in 5 or 55 gal units



## Pave Cure WW-300

Pave Cure WW-300 is a high-solids wax and water-based white pigmented concrete curing compound. Pave Cure WW-300 forms a continuous membrane that controls curing for strong and durable concrete. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat build-up. **ASTM C309, Type 2, Class A, and CRD C300** compliant.

Available in 5 or 55 gal units



## PROJECT HIGHLIGHT



## JFK Airport

### PaveCure Rez White, SpecStrip, SpecFilm

To ease traffic congestion and accommodate today's larger aircraft at one of the nation's busiest airports, the Port Authority of New York and New Jersey elected to reconstruct their largest runway, the 14,572 ft 13R-31L, one of the longest commercial runways in the world. We were called on to provide an eco-friendly, VOC-compliant curing solution that met the stringent specifications of NYDOT, ASTM, and the FAA. Nearly 90,000 gallons of Pave Cure Rez White was spray applied during the four months of construction.

Additionally, SpecFilm, an evaporation retardant, was used to protect the freshly placed concrete from accelerated surface water loss, and SpecStrip, a VOC-compliant form release agent was utilized to provide clean, efficient form separation.



### Pave Cure CW

Pave Cure CW is a high-solids water-based clear wax concrete curing compound. When properly applied, Pave Cure CW forms a continuous membrane that controls curing for strong and durable concrete. Pave Cure CW is available in both clear and clear with dye. **ASTM C309, Type 1 and 1-D, Class A** compliant.

Available in 5, 55, or 275 gal units



### Pave Cure Rez

Pave Cure Rez is a high solids dissipating resin based concrete curing compound. When properly applied, Pave Cure Rez forms a continuous membrane that controls curing for strong and durable concrete. Pave Cure Rez is ideal for application on exterior, horizontal surfaces such as highways, airports, street, and curb paving applications where proper curing and membrane dissipation is required.

**ASTM C309, Type 1 and 1-D, Class A & B** compliant.

Available in 5 or 55 gal units



### Pave Cure Rez White

Pave Cure Rez White is a high-solids water-based, resin-based white pigmented concrete curing compound. When properly applied, Pave Cure Rez White forms a continuous membrane that controls curing for strong and durable concrete. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat build-up. **ASTM C309, Type 2, Class A & B** compliant.

Available in 5 or 55 gal units



# CONNECT WITH US

[Facebook.com/specchemllc](https://Facebook.com/specchemllc)

[Instagram.com/specchem](https://Instagram.com/specchem)





## Liquid Hardeners

Products for densifying, hardening and protecting your concrete surfaces.



### Cure Hard

Cure Hard is a spray-applied concrete cure, hardener, and dustproofer. Cure Hard deeply penetrates concrete surfaces to densify, seal, harden, and dustproof concrete and Portland Cement-based material surfaces to help them achieve maximum abrasion resistance without altering the natural appearance of the concrete.

Available in 5 or 55 gal units



### SpecHard

SpecHard is a proprietary, colorless silicate solution that increases the wear surface strength of concrete floors subjected to pedestrian and vehicle traffic. SpecHard penetrates concrete surfaces to seal, densify, and harden. SpecHard floors last longer, cost less to maintain, are safe to use, and are guaranteed to resist dusting for years after application.

Available in 5 or 55 gal units



### LithSeal SC

LithSeal SC is a premium lithium silicate sealer/densifier for concrete surfaces. LithSeal SC deeply penetrates and reacts with cured concrete. This reaction produces a calcium silicate hydrate within the concrete pores. Treated surfaces will remain breathable, reduce porosity, reduce dusting, reduce water permeability, and increase abrasion resistance. When properly applied, LithSeal SC will not leave the whitish blush characteristic of other sodium silicate products.

Available in 5 or 55 gal units



### LithSeal Lite

LithSeal Lite is an economical lithium silicate sealer/densifier for concrete surfaces. LithSeal Lite deeply penetrates and reacts with cured concrete. This reaction produces a calcium silicate hydrate within the concrete pores. Treated surfaces will remain breathable, reduce porosity, reduce dusting, reduce water permeability, and increase abrasion resistance. When properly applied, LithSeal Lite will not leave the whitish blush characteristic of other sodium silicate products.

Available in 5 or 55 gal units



### SpecGuard

SpecGuard is a multi-component, water-based polymeric protectant that improves the appearance and durability of concrete floors. SpecGuard incorporates a cross-linking nano-technology which aids penetration and adhesion, creating a tough, stain-resistant coating. SpecGuard also contains UV absorbers that enable it to protect colored or dyed concrete against UV degradation.

Available in 1, 5, or 55 gal units



### Spec-O-Lith

Spec-O-Lith is a water based solution of fluorosilicate, formulated to harden and dustproof concrete floors and improve the wearing characteristics of new or aged concrete and terrazzo. It provides a chemically hardened surface with increased resistance to water, chemicals (acids, alkalis, etc.), grease, and oil absorption. Spec-O-Lith is especially effective in strengthening weak, soft, or dusting concrete surfaces.

Available in 5 or 55 gal units



## PROJECT HIGHLIGHT



### Amazon Warehouse Project: Perryville, MD

From our ASTM C309 compliant water-based Cure & Seal WB for the exterior paving to our reactive SpecTilt WB bond breaker... and everything in between. This 1.14 million square foot Perryville, MD Amazon warehouse project by PA contractor Conewago Enterprises featured the following lineup of concrete construction chemical products from SpecChem - LithSeal Lite, Cure & Seal WB, Orange Peel, SpecRez, and SpecTilt WB.

..... Steps to Success .....

# POLISHING SYSTEM

**PRIME**

## SPECPOXY 1000

A two component, low-viscosity, moisture insensitive, high modulus, structural epoxy bonding adhesive and crack injection resin. SpecPoxy 1000 is 100% solids, solvent free, low odor, and high-strength.

**LEVEL**

## SPECLEVEL PCT

A cement-based, self-leveling polishable concrete topping designed for interior and exterior use. SpecLevel PCT produces a dense hard surface that can be diamond polished in as little as 24 hours.

**DENSIFY**

## LITHSEAL OR SPECHARD

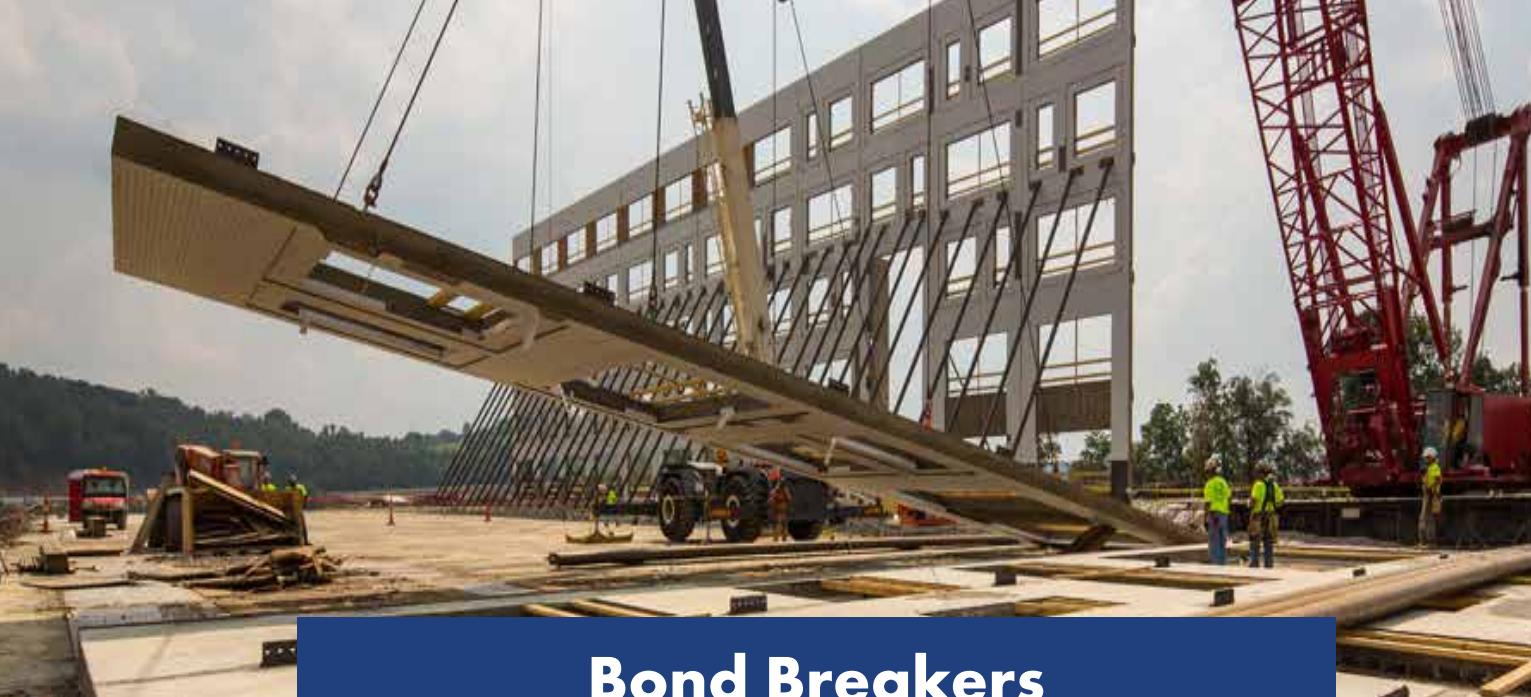
A premium lithium silicate sealer/densifier for concrete surfaces that deeply penetrates and reacts with cured concrete. Treated surfaces will remain breathable, reduce porosity, reduce dusting, reduce water permeability, and increase abrasion resistance.

**POLISH**

## SPECGUARD

SpecGuard is a multi-component, water-based polymeric protectant that improves the appearance and durability of concrete floors. SpecGuard incorporates a cross-linking nano-technology, which aids penetration and adhesion creating a tough, stain-resistant coating.





## Bond Breakers

Industry-leading tilt-up bond breaker products.

**SpecChem tilt-up bond breakers are chemically reactive and specially engineered to provide a clean, easy lift of tilt-up panels. They contain no diesel, kerosene, waxes, or silicones.**



### SpecTilt 100

SpecTilt 100 is a chemically reactive, solvent-based tilt-up bond breaker specially engineered to provide a clean, easy lift of tilt-up panels. SpecTilt 100 contains no diesel, kerosene, waxes, or silicones. SpecTilt 100 allows clean panels to lift easier, leaves no resin stains, is chemically reactive, and leaves no residue.

Available in 5 or 55 gal units

### SpecTilt WB

SpecTilt WB is a chemically reactive, water-based tilt-up cure/bond breaker specially engineered to provide a clean, easy lift of tilt-up panels, and meet the moisture retention of **ASTM C309**. SpecTilt WB contains no diesel, kerosene, waxes, or silicones.

Available in 5 or 55 gal units





## SpecTilt EX

SpecTilt EX is a chemically reactive tilt-up bond breaker specially engineered to provide a clean, easy lift of tilt-up panels. SpecTilt EX is formulated with a unique solvent blend for fast-drying, solvent-based performance along with VOC compliance in the **OTC/LADCO/MRPO** regions.

Available in 5 or 55 gal units



## CleanLift 20/20

CleanLift 20/20 is a chemically reactive water-based tilt-up cure/bond breaker specially engineered to provide a clean, easy lift of tilt-up panels and meet the moisture retention of **ASTM C309**. CleanLift 20/20 contains no diesel, kerosene, waxes or silicones, and is formulated to be more identifiable on the casting bed.

Available in 5 or 55 gal units



## PROJECT HIGHLIGHT



## Amazon Warehouse Project: Salem, OR

Another Amazon warehouse project, another million-plus square feet, this time in Salem, Oregon. This project featured our VOC compliant, solvent-based SpecTilt EX chemically reactive bond breaker, along with our best-selling E-Cure, a water-based concrete curing compound, and finally our SC Multi-Purpose Grout, one of our flagship cementitious powders.

..... Steps to Success .....

# TILT-UP SYSTEM

## SPECFILM

SpecFilm is designed to be used as an evaporation retardant and finishing aid on concrete flatwork of all types. When sprayed over fresh concrete, SpecFilm forms a thin, continuous film which prevents rapid moisture loss from the concrete surface.

**PREVENT**

**LIFT**

## SPECTILT WB

SpecTilt WB is a chemically reactive tilt-up cure and bond breaker specially engineered to provide a clean, easy lift of tilt-up panels.

## ORANGE PEEL

Orange Peel concentrate is a cost effective, natural citrus solvent, cleaner and degreaser. Orange Peel is an innovative cleaning solution for the toughest industrial applications.

**CLEAN**

**SEAL**

## SPECHARD

SpecHard is a proprietary, colorless chemical solution that increases the wear surface strength of concrete floors subjected to pedestrian and vehicle traffic. SpecHard penetrates concrete surfaces to seal, densify and harden.

**FILL**

## RAPID FLEX CJ OR SPECPOXY CJ

Our control joint fillers are both engineered to offer strength and protection for your control and construction joints in industrial concrete floors. Both are two component products, coming in a semi-rigid epoxy or a rapid-curing, fast-setting polyurea.





## Evaporation Retarders

Designed to reduce moisture loss and prevent shrinkage and cracking.



### SpecFilm

SpecFilm is designed to be used as an evaporation retardant and finishing aid on concrete flatwork of all types. When sprayed over fresh concrete, SpecFilm forms a thin, continuous film which prevents rapid moisture loss from the concrete surface. SpecFilm is especially effective when concreting operations must be performed in direct sun, wind, high temperatures, or low relative humidity.

Available in 1, 5, or 55 gal units



### SpecFilm Concentrate

SpecFilm Concentrate is an economical concentrate that can be diluted with potable water up to a 9-to-1 ratio, providing a very effective evaporation retardant and finishing aid for concrete flatwork. Once diluted and sprayed over fresh concrete, SpecFilm forms a thin, continuous film which prevents rapid moisture loss from the concrete surface.

Available in 1, 5, or 55 gal units

## Industry Knowledge



### WHAT IS ACI 302?

ACI 302.1R-15 is the American Concrete Institute's committee specification for producing high-quality concrete slabs-on-ground and suspended floors for various classes of service. It emphasizes such aspects of construction as site preparation, concrete materials, concrete mixture proportions, concrete workmanship, joint construction, load transfer across joints, form stripping procedures, finishing methods, and curing.

# Surface Retarders

Designed to expose an aggregate finish from fresh concrete.



## SpecEtch

SpecEtch is a spray-applied, chemical surface retarder specially engineered to expose the underlying aggregate of freshly placed horizontal concrete. SpecEtch comes ready to use, is non-flammable, and will not alter the color of the aggregate or concrete. SpecEtch has a typical etch of 3/8".

Available in 5 or 55 gal units



## SpecEtch Deep

SpecEtch Deep is a spray-applied, chemical surface retarder specially engineered to expose the underlying aggregate of freshly placed horizontal concrete. SpecEtch Deep comes ready to use, and is easy to apply. SpecEtch Deep is non-flammable, VOC compliant, and has a typical etch of 5/8".

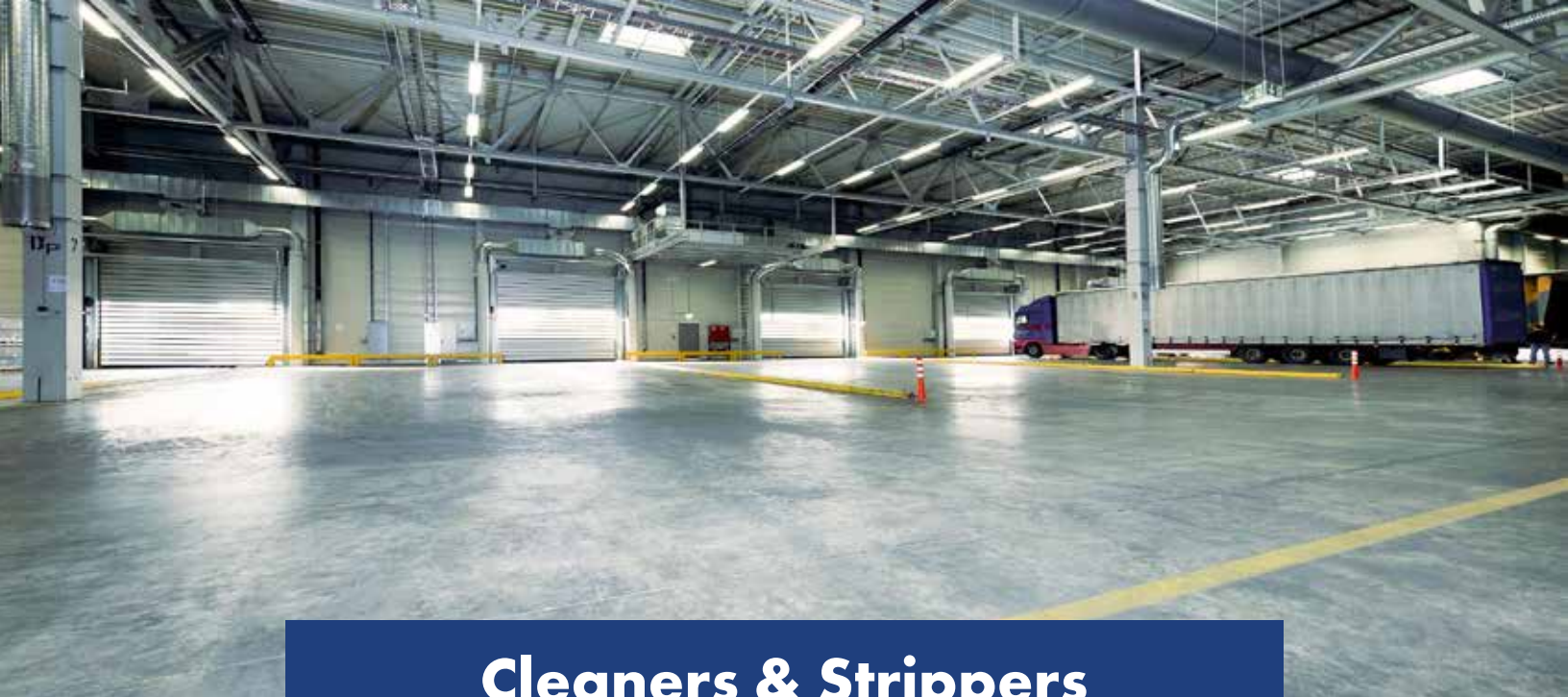
Available in 5 or 55 gal units

**SAFE AND EFFECTIVE**



Depending on the depth of your etch, SpecEtch and SpecEtch Deep are both environmentally friendly, VOC-compliant products specially engineered to expose the underlying aggregate of freshly placed horizontal concrete. Both of our SpecEtch products are ideal, green-conscious, and low VOC options for exposing the true beauty that exposed aggregate brings to walkways, pool decks, patios, and more.





## Cleaners & Strippers

Made to remove grease, grime, or other contaminants.



### Berry Clean

Berry Clean is a cost effective, natural raspberry scented, cleaner/degreaser concentrate. Berry Clean will effectively remove grease, grime, many types of carpet/tile cutback adhesives, and other contaminants from architectural concrete and other surfaces. Berry Clean will also remove acrylic and resin concrete curing compounds from concrete surfaces. Complies with all national VOC regulations, including SCAQMD/OTC/CA/VA

Available in 1, 5, or 55 gal units



### K-Set

K-Set is a non-corrosive, non-chloride accelerating admixture. K-Set accelerates the hydration of cement, resulting in shorter set times and high early strength. K-Set provides improved workability, helps prevent segregation, and is a substantial aid in early stiffening for mortar and stucco mixes. K-Set is an aqueous solution of organic and inorganic compounds that produces rapid heat development within the mortar, protecting it from freezing during its early life at low temperatures.

Available in 1, 5, or 55 gal units



### Orange Peel

Orange Peel concentrate is a cost effective, natural citrus solvent, cleaner and degreaser. Orange Peel is an innovative solution for the toughest industrial applications. Orange Peel will effectively remove grease, grime, and other contaminants from architectural concrete.

Available in 1, 5, or 55 gal units





## Sealer ReNew

Sealer ReNew is a specially blended high-strength solvent formulated to brighten and rejuvenate existing decorative acrylic sealers. Sealer ReNew can also be used to clean or strip deteriorated sealer and to release moisture blush (whitening) trapped beneath the sealer.

Available in 1, 5, or 55 gal units



## Solvent 100

Solvent 100 is a clear, colorless, non-flammable, high-strength solvent formulated specifically as a thinner and clean-up material for resin based compounds.

Available in 1, 5, or 55 gal units



## SpecBlast

SpecBlast is a chemically reactive liquid formulated to soften and remove concrete build up from concrete tools and equipment. SpecBlast is designed to help avoid the damaging effects of sandblasting, bush-hammering, and jackhammering hardened concrete from equipment.

Available in 1, 5, or 55 gal units



## Xylene

Xylene is a clear, colorless, flammable, high-strength solvent formulated specifically as a thinner and clean-up material for resin-based compounds. Xylene has a greater solvency strength (KB Value) than SpecChem Solvent 100 or mineral spirits.

Available in 1, 5, or 55 gal units

**SAFE AND EFFECTIVE**



Looking for a high quality cleaner and degreaser that *meets the stringent* VOC guidelines for SCAQMD/OTC/CA/VA?

With a VOC content of less than 25 grams per liter, **Berry Clean** is perfect for removing adhesives and other tough contaminants from your concrete surfaces, while remaining safe and effective, even in the most regulated areas.

# Water Repellents

100% reactive penetrating water repellants.



## SpecShield WB

SpecShield WB is a 100% reactive, waterborne silane siloxane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SpecShield WB penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

Available in 5 or 55 gal units



## SpecSilane 20 WB

SpecSilane 20 WB is a 20% solids, 100% reactive, waterborne silane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SpecSilane 20 WB penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

Available in 5 or 55 gal units



## SpecSilane 40

SpecSilane 40 is a 40% solids, 100% reactive, silane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SpecSilane 40 penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

Available in 5 or 55 gal units



## SpecSilane 40 WB

SpecSilane 40 WB is a 40% solids, 100% reactive, waterborne silane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SpecSilane 40 WB penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

Available in 5 or 55 gal units



### All Shield WB

All Shield WB is a low VOC, waterborne, synthetic modified, silane-siloxane concrete protectant. This clear, penetrating, breathable protectant is designed for use on interior and exterior concrete, natural or synthetic stone surfaces to resist water, oil, food stains, and many other liquid contaminants. All Shield WB penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to moisture, staining and deicing salts. VOC compliant in the **OTC/LADCO/MRPO** regions.

Available in 1, 5 or 55 gal units



### SpecSilane 100

SpecSilane 100 is a 100% solids, 100% reactive, silane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SpecSilane 100 penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

Available in 5 or 55 gal units

## ABOUT SPECHEM

# SPECMASTERS

## Industry Best-In-Class Training

If you've ever been to one of our SpecMasters sessions, you already know that we provide exceptional value to the industry in the form of our best-in-class training programs. We host annual 2-3 day programs in our 7,600-sq. foot training facility, where distributors from all over the country and internationally come and enjoy interactive, hands-on product, application and industry information in an exciting and engaging environment.

We also host numerous ad-hoc product and application demos year-round for distributors, contractors, and trade associations in this facility, as well as product demos, jobsite visits, and lunch & learns all over the country, designed to educate distributors, contractors, and the specification community.

You think SpecChem training is a fit for you and your organization? Contact your SpecChem sales representative, or drop us a note online at [SpecChemllc.com](http://SpecChemllc.com) to see how we can help empower your organization.



## Specialty Epoxies & Polyurea Products

Premium epoxies for commercial and industrial applications.



### SpecPoxy 500

SpecPoxy 500 is a two component, very low viscosity, moisture insensitive, high modulus, structural epoxy bonding adhesive and crack injection resin. SpecPoxy 500 is 100% solids, solvent free, low odor, and high-strength. **ASTM C881, Type I, II, IV, and V, Grade 1, Classes B & C** compliant.

Available in 15 oz dual cartridges as well as 1, 3 or 15 gal units



### SpecPoxy 1000

SpecPoxy 1000 is a two component, low viscosity, moisture insensitive, high modulus, structural epoxy bonding adhesive and crack injection resin. SpecPoxy 1000 is 100% solids, solvent free, low odor, and high-strength. **ASTM C881, Type I, II, IV, and V, Grade 1, Classes B & C** compliant.

Available in 15 oz dual cartridges as well as 1, 3 or 15 gal units



### SpecPoxy 2000

SpecPoxy 2000 is a two-component, multi-purpose, high modulus, moisture tolerant epoxy bonding adhesive that meets the requirements of ASTM C881. SpecPoxy 2000 is a 100% solids, solvent free, medium viscosity bonder. **ASTM C881, Type I, II, IV, and V, Grade 2, Classes B & C** compliant.

Available in 22 oz dual cartridges as well as 1, 2 or 10 gal units



### SpecPoxy 2000 LPL

SpecPoxy 2000 LPL is a two-component, long pot life, multi-purpose, high modulus, moisture tolerant epoxy bonding adhesive that meets the requirements of ASTM C881 and is an ideal product for bonded overlays. **ASTM C881, Type I, II, IV, and V, Grade 2, Classes B & C** compliant.

Available in 1, 3 or 15 gal units



## PROJECT HIGHLIGHT



## Port 95 Industrial Park: Baltimore, MD

### Rapid Flex CJ, SpecTilt WB, LithSeal Lite

Over a 1,000 gallons of Rapid Flex CJ – our UV resistant, semi-rigid, rapid-curing, polyurea joint control filler – was used on the Port 95 Industrial Park project in Baltimore, MD. A feature project highlighting our ACI 302-compliant polyurea product, the contractor was impressed with the viscosity, and an easier flow through when pumping versus competitive products.

Additionally, the dark gray color of the product was preferable to the greenish tint that is often found with competitive products, along with it being easy to shave, and quickly for a fast turnaround. In addition to being a highlight project for our Rapid Flex CJ, this project also featured our flagship bond breaker, our SpecTilt WB and our LithSeal Lite densifier.



## SpecPoxy 3000

SpecPoxy 3000 is a two component, moisture insensitive, high modulus, structural epoxy bonding gel. SpecPoxy 3000 is 100% solids, solvent free, low odor, high-strength, and non-sag. SpecPoxy 3000 is great for vertical and overhead structural bonding and patching, sealing of cracks and the setting of injection ports, and anchoring bolts, dowels, and reinforcing steel. **ASTM C881, Type I, II, IV, and V, Grade 3, Classes B & C** compliant.

Available in 22 oz dual cartridges as well as 1, 2 or 10 gal units



## SpecPoxy 3000 FS

SpecPoxy 3000 FS is a fast-setting, two-component, moisture insensitive, high modulus, structural epoxy bonding gel. SpecPoxy 3000 FS is 100% solids, solvent free, low odor, high-strength, and non-sag. **ASTM C881, Type I, II, IV, and V, Grade 3, Classes B & C** compliant.

Available in 22 oz dual cartridges as well as 1, 2 or 10 gal units



## Rapid Flex CJ

Rapid Flex CJ is a 100% solids, two-component, fast-setting UV resistant, semi-rigid, rapid curing, polyurea for filling control and construction joints in industrial concrete floors. Rapid Flex CJ allows for joints to be shaved quickly for fast turnaround. Rapid Flex CJ can also be used for the repair of damaged or spalled joint nosing and cracks. **ACI 302, section 4.10** compliant.

Available in 22 oz dual cartridges as well as 10 gal units



## Poly Fix

Poly Fix is a high strength, two-component, ultra-low viscosity hybrid polyurethane concrete repair binder. Poly Fix can be used to penetrate hairline cracks or, mixed with dry sand, to patch and repair concrete spalls or control joints. Poly Fix's water-like consistency also makes it an excellent crack healer/sealer for deteriorated concrete surfaces. **USDA** accepted.

Available in 22 oz dual cartridges as well as 2 and 10 gal units



## SpecPoxy CJ

SpecPoxy CJ is a two-component, semi-rigid epoxy for filling control and construction joints in industrial concrete floors. This product supports the joint edges and reduces spalling of the edges caused by wheel traffic. SpecPoxy CJ is useful for contraction/construction joints that are cut or formed. SpecPoxy CJ may be used for the repair of damaged or spalled joint nosing and cracks. **ACI 302, section 4.10** compliant.

Available in 2 or 10 gal units



## WHAT IS ASTM C881?

This specification covers two-component, epoxy-resin bonding systems for application to portland cement concrete, which are able to cure under humid conditions and bond to damp surfaces.

Type 1 - Non-load bearing, bonding hardened concrete to hardened concrete.

Type 2 - Non-load bearing, bonding fresh concrete to hardened concrete.

Type 3 - Bonding skid resistant materials to traffic bearing surfaces.

Type 4 - Loading bearing, bonding hardened concrete to hardened concrete.

Type 5 - Loading bearing, bonding fresh concrete to hardened concrete.

Grade 1 - Low viscosity (water-motor oil)

Grade 2 - Medium viscosity (syrup-honey)

Grade 3 - Gel (peanut butter-caulk)

Class A - Application temperature <40°F

Class B - Application temperature 40-60°F

Class C - Application temperature >60°F

## Industry Knowledge



### SpecPoxy Binder

SpecPoxy Binder is a two-component, multi-purpose, low modulus, moisture tolerant epoxy binder adhesive that meets the requirements of **ASTM C881**. This solvent free, low viscosity bonder is shock absorbent and more flexible to sustain movement resulting from thermal changes. **ASTM C881, Type III, Grade 1, Classes B & C** compliant.

Available in 1, 2, or 10 gal units



### MVM Prime 5000

MVM Prime 5000 is a two-component, 100% solids epoxy moisture barrier system designed to effectively stop moisture vapor related problems on concrete prior to installing SpecChem underlayments or overlays. MVM PRIME 5000 also provides an excellent bond to concrete and can be applied to concrete as early as five days old where early application of floor covering is required.

Available in 3 or 15 gal units



### SpecPoxy Coating

SpecPoxy Coating is a two-component, high-performance epoxy coating system designed to provide concrete and steel surfaces with excellent abrasion resistance in combination with protection against chemical attack. These outstanding properties are further enhanced by the availability of a selection of semi-gloss colors for superior aesthetic benefits.

Available in 3 or 15 gal units



## SpecPox Grout

SpecPox Grout is a specially formulated three-component, 100% solids, high-strength, low exotherm epoxy grout. The system combines a high-strength epoxy resin and curing agent with a specially engineered blend of graded aggregates. The special aggregate blend provides excellent flow and uniform distribution throughout the high-strength epoxy matrix.

Available in .5 or 2 cubic foot units



## SpecPox Mortar

SpecPox Mortar is a three-component, 100% solids, multi-purpose, epoxy mortar. The system combines a high quality epoxy binder with an engineered blend of graded aggregates. Specifically engineered to provide superior trowelability, compressive/tensile strength, impact, and chemical resistance for use in industrial and commercial applications such as warehouse floors, ramps, loading docks, and rebuilding joint nosings.

Available in .5 or 1 cubic foot units



## SpecPox Sealer

SpecPox Sealer is a high solids, two-component low viscosity penetrating epoxy sealer designed to protect new and existing concrete against de-icing salts and chemical attack. SpecPox Sealer penetrates into the concrete pores to form a sub-surface seal to resist the penetration of liquids contaminants, chloride ions, and chemical penetration. Its low viscosity also provides an excellent crack healer/sealer to many deteriorated concrete surfaces.

Available in 2, 10, or 110 gal units



## PROJECT HIGHLIGHT



### Pickwick Parking Shotcrete Application, Kansas City, MO SpecShot Plus

Our single-component, fiber-reinforced, microsilica shotcrete found immediate success in a major parking structure restoration project – the Pickwick Building – a high-end condo project with street level retail, located in Downtown, Kansas City. SpecChem worked with the American Shotcrete Association and local KC area contractor Mo/Kan Concrete's certified shotcrete applicator on the 18,000-bag project – that's 20 full truckloads of shotcrete. SpecShot Plus is a high-performance shotcrete repair product formulated for extremely low rebound, reducing waste, and minimizing material cost, making it the ideal choice for concrete restoration where a shotcrete application is preferred.

# Cementitious Grout

Providing strength and durability in a variety of specialty applications.



## SC Multi-Purpose Grout

SC Multi-Purpose Grout is a non-shrink, non-metallic multi-purpose cement-based grout. SC Multi-Purpose Grout is formulated for a wide variety of grouting applications, from damp pack to flowable through a controlled, positive expansion. **ASTM C1107, Grade A, B & C** and **CRD C-621 Grade A, B & C** compliant.

Available in 50 lb bags



## SC Precision Grout

SC Precision Grout is a non-shrink, non-metallic, high-flow, cement-based grout. SC Precision Grout is formulated for a wide variety of grouting applications, from plastic to fluid through a controlled, positive expansion. Designed to provide effective load bearing for high-flow precision grouting applications. **ASTM C1107, Grade A, B & C** and **CRD C-621 Grade A, B & C** compliant.

Available in 50 lb bags



## SC Precision Grout HS

A non-shrink, non-metallic, cementitious grout that provides high early and ultimate compressive strength throughout a variety of applications. The unique formula, when mixed with water, creates a grout that is flowable and pumpable. Designed to provide effective load bearing for high strength precision grouting applications such as compressors, heavy equipment foundations and tank bases. **ASTM C1107, Grade A, B & C** and **CRD C-621 Grade A, B & C** compliant.

Available in 50 lb bags





# Panama Canal

## SC Multi-Purpose Grout, SpecPoxy 3000

The \$5.25 Billion Panama Canal expansion project doubled the capacity of the canal, increasing both the number of ships and the size of ships that could pass through. Our non-shrink, non-metallic, DOT-approved SC Multi-Purpose Grout and our ASTM 881 compliant, hi-mod, SpecPoxy 3000 were submitted and approved for this project. SpecPoxy 3000 was used to bond steel plates to concrete structures, while our SC Multi-Purpose Grout was used to grout lighting standards.



## PROJECT HIGHLIGHT



### SC Metallic Grout

SC Metallic Grout is a non-shrink metallic cement-based grout designed for industrial applications subjected to dynamic and repetitive loading. SC Metallic Grout does not contain chloride and is formulated for a wide variety of grouting applications, from drypack to fluid. **ASTM C1107, Grade A, B & C** and **CRD C-621 Grade A, B & C** compliant.

Available in 50 lb bags



### UW Grout

UW Grout is a pumpable, underwater cement-based nonshrink grout for use on underwater repairs such as pile restoration. UW Grout is designed for underwater use in tidal zones, in applications requiring a non-shrink, non-metallic, wash-out resistant grout in thicknesses from 1/2" up to several inches. UW Grout is specially formulated for minimal wash-out and is salt-water resistant. **CRD C-621** compliant.

Available in 50 lb bags

## Industry Knowledge



### WHAT IS ASTM C1107?

This specification covers packaged dry, hydraulic cement grout (non-shrink) intended for use under applied load where a change in height below initial placement height is to be avoided. Grouts covered are composed of hydraulic cement, fine aggregate, and other ingredients. They require only the addition of mixing water for use.



## Dry-Shake Hardeners & Toppings

Designed to increase wear resistance on heavy traffic floors.



### Quartz Floor Hardener

Quartz Floor Hardener is a mixture of finely graded non-metallic quartz aggregates, plasticizer, and cement binder. It is an economical concrete floor hardener recommended for both interior and exterior use. When applied at the proper point in the concrete setting cycle, Quartz Floor Hardener is worked into the concrete to become an integral part of the floor to provide a surface which is highly resistant to abrasion. **ACI 302, ACI 305, ACI 306** compliant. Available in the following colors; Light Reflective, Tile Red, Nile Green, French Gray, Battleship Gray.

Available in 50 lb bags

### SpecPlate Floor Topping

SpecPlate Floor Topping is an industrial metallic aggregate floor topping which provides heavy duty abrasion and impact resistance to existing or new concrete floors. SpecPlate Floor Topping combines clean, graded, iron aggregate with special cements and admixtures to increase abrasion resistance up to 8 times more than 4000 psi concrete.

Available in 50 lb bags





## Repair Products

Formulated for repair, stabilization, and restoration of your concrete.



### Final Finish™

Final Finish™ is a one-component, rapid hardening, polymer-modified concrete resurfacing mortar for smoothing, resurfacing, rubbing, and restoring concrete surfaces. Sandless for ultra-fine repairs, Final Finish™ offers a unique long pot life, with rapid hardening performance on the substrate to minimize waste and labor. Final Finish™ offers superior durability for all interior and exterior, horizontal, vertical, and overhead concrete applications.

Available in 40 lb bags and pails, 15 lb pails



### SpecPatch 5

SpecPatch 5 is a general purpose, polymer-modified, **fast-setting** concrete repair mortar for concrete floors, walls, precast, tilt-up, and masonry surfaces. SpecPatch 5 can be used for horizontal and vertical applications to provide a durable repair that can be shaped by shaving or sanding.

Available in 50 lb bags



### SpecPatch Light

SpecPatch Light is a light gray colored, polymer-modified concrete repair mortar for concrete floors, walls, precast, tilt-up, and masonry surfaces. SpecPatch Light can be used for horizontal and vertical applications to provide a durable repair that can be shaped by shaving or sanding.

Available in 50 lb bags





## SpecPatch 15

SpecPatch 15 is a general purpose, polymer-modified concrete repair mortar for concrete floors, walls, precast, tilt-up, and masonry surfaces. SpecPatch 15 can be used for horizontal and vertical applications to provide a durable repair that can be shaped by shaving or sanding, and sets in approximately 15 minutes.

Available in 50 lb bags



## SpecPatch 30

SpecPatch 30 is a general purpose, polymer-modified concrete repair mortar for concrete floors, walls, precast, tilt-up, and masonry surfaces. SpecPatch 30 can be used for horizontal and vertical applications to provide a durable repair that can be shaped by shaving or sanding.

Available in 50 lb bags



## Duo Patch

Duo Patch is a two-component, polymer-modified concrete repair mortar with integral corrosion inhibitor for use in horizontal, form and pour, and when mixed to a stiffer consistency, vertical and overhead applications. Duo Patch offers superior durability in industrial warehouse, parking deck, and roadway applications subject to heavy loads and abrasion.

Available in 50 lb bags



## RepCon® V/O

RepCon® V/O is a single-component, polymer-modified, fiber-reinforced concrete repair mortar with integral corrosion inhibitor for use in a variety of vertical and overhead repair applications. RepCon® V/O incorporates the latest in polymer technology, offering superior durability, performance and ease of application in industrial, commercial, and infrastructure (DOT) applications.

Available in 50 lb bags



## RepCon® H

RepCon® H is a single-component, polymer-modified, fiber-reinforced concrete repair mortar with integral corrosion inhibitor for use in a variety of screed or trowel-down horizontal repair applications. RepCon® H incorporates the latest in polymer technology, offering superior durability, performance and ease of application in industrial, commercial, and infrastructure applications. **ASTM C928** compliant.

Available in 50 lb bags



## RepCon® H-350

RepCon® H-350 is a single component, polymer-modified, fiber-reinforced concrete repair mortar with integral corrosion inhibitor for use in a variety of screed, trowel-down or form and pour repair applications. RepCon® H-350 incorporates the latest in polymer technology offering superior durability, performance, and ease of application in industrial, commercial, and infrastructure applications. **ASTM C928** compliant.

Available in 50 lb bags



## RepCon® 928

RepCon® 928 is a single component, polymer-modified, fiber-reinforced, rapid setting concrete repair mortar with corrosion inhibitor for use on concrete floors, highway pavements, bridge decks, and other applications requiring early resumption of traffic or use. RepCon® 928 incorporates the latest in polymer technology offering superior durability, performance, and ease of application without liquid activators for horizontal and vertical form and pour applications. **ASTM C928** compliant.

Available in 50 lb bags



## RepCon® 928 FS

RepCon® 928FS is a very rapid setting, polymer-modified, fiber-reinforced concrete repair mortar with corrosion inhibitor for use on concrete floors, highway pavements, bridge decks, and other applications requiring early resumption of traffic or use. RepCon® 928 FS incorporates the latest in polymer technology offering superior durability, performance, and ease of application without liquid activators for horizontal and vertical form and pour applications. **ASTM C928** compliant.

Available in 50 lb bags



## RepCon® UW Mortar

RepCon® UW Mortar is a single-component, polymer-modified, fiber-reinforced concrete repair mortar for use in underwater hand-applied concrete repair applications. RepCon® UW Mortar is designed **only** for underwater use in tidal zones in applications from 1/2" up to several inches. RepCon® UW Mortar is specially formulated for minimal wash-out in salt-water, and is chloride and sulfate resistant.

Available in 50 lb bags



## SpecLevel PCT

SpecLevel PCT is a cement-based, self-leveling polishable concrete topping designed for interior and exterior use. SpecLevel PCT produces a dense, hard surface that can be diamond polished in **as little as 24 hours**. Mix SpecLevel PCT with water, pour or pump, and it will seek its own level to produce a smooth, hard, wearable surface. SpecLevel PCT dries to a light concrete gray and will accept integral color or stains.

Available in 50 lb bags



### SpecPlug

SpecPlug is a durable, fast-setting hydraulic cement mortar that stops flowing water through holes and cracks in concrete and masonry surfaces. SpecPlug will not shrink or oxidize.

Available in 50 lb bags or pails



### Super SpecPlug

Super SpecPlug is a durable, super fast-setting hydraulic cement mortar that stops flowing water through holes and cracks in concrete and masonry surfaces. Super SpecPlug **sets in 90 seconds** and will not shrink or oxidize.

Available in 50 lb bags or pails



## PROJECT HIGHLIGHT



## San Antonio Office Complex: Palo Alto, CA

### SpecLevel PCT, SpecPoxy 1000

Our premium, self-leveling polishable concrete overlayerment was the featured product in a Palo Alto office complex project with Bay Area Concrete out of San Francisco. This project required *over 7,000 bags* of SpecLevel PCT - that's *over eight truckloads* of product, along with over 700 gallons of our SpecPoxy 1000, used as the bonding agent.





# REPAIR.

## A PRODUCT FOR EVERY JOB.



SpecChem manufactures a full line of repair and restoration products to cover nearly every repair job. From SpecFlow, a cement-based, self-leveling underlayment to our SpecLevel PCT, a premium polishable concrete topping, SpecChem has a product that meets your concrete repair needs.

Visit [SpecChemllc.com](http://SpecChemllc.com) for a full lineup of our cementitious repair and restoration mortars.



## SpecShot Plus

SpecShot Plus is a fiber-reinforced shotcrete mortar for use in a variety of vertical and overhead repair applications. SpecShot Plus incorporates the latest in fiber technology, offering superior durability, performance and ease of application in industrial, commercial, and infrastructure (DOT) applications. SpecShot Plus can be applied by dry shotcrete (gunite) method or by mixing with water in a wet mix method.

Available in 50, 80, or 3000 lb bags



## SpecRock

SpecRock is a one-component, waterproof, non-shrinking, Portland cement-based anchoring cement that sets hard in 12-15 minutes. It expands as it sets and locks into the surrounding concrete.

Available in 50 lb pails



## SpecFlow

SpecFlow is a cement-based, non-shrinking, self-leveling floor underlayment designed for interior use. This single component product produces a smooth subfloor that will accept floor coverings in as little as 12-18 hours after installation. Just mix SpecFlow with water, pour or pump, and it will seek its own level to produce a smooth, flat, hard surface.

Available in 50 lb bags



## SpecSmooth

SpecSmooth is a one-component, polymer-modified concrete repair and resurfacing mortar for smoothing, resurfacing, rubbing, and restoring concrete surfaces. SpecSmooth offers superior durability for all interior and exterior, vertical, overhead, and horizontal concrete applications. Ideal for repairs from a feather up to 1/4", SpecSmooth can also be used as a skim patch or trowel-down underlayment for horizontal repairs subject to light traffic.

Available in 50 lb bags



## RevCrete™

RevCrete™ is a one-component, polymer-modified concrete repair and resurfacing mortar for smoothing, resurfacing, and restoring concrete surfaces. RevCrete™ offers superior durability for all interior and exterior concrete applications and can be diamond polished for a dense decorative overlay.

Available in 50 lb bags

## WHAT IS ASTM C928?

This specification covers packaged, dry, cementitious mortar or concrete materials for rapid repairs to hardened hydraulic-cement concrete pavements and structures.

Materials that contain organic compounds, such as bitumens, epoxy resins, and polyesters, as the principal binder are not included. Packaged, dry, concrete material contains aggregate of which at least 5% by mass of the total mixture is retained. Packaged, dry, mortar material contains aggregate of which less than 5% by mass of the total mixture is retained.

Aqueous solutions, aqueous emulsions or dispersions may be included as components of the packaged materials. Aggregates must be included as a component of the packaged materials. Both packaged dry concrete and mortar shall be mechanically mixed with the use of a mixing liquid.

Different test methods shall be performed in order to determine the following properties: compressive strength, length change, scaling resistance, and slant shear bond strength.

## Industry Knowledge



### SC Foundation Coating

SC Foundation Coating is a polymer-modified, cement-based waterproofing coating formulated to provide superior water-resistant concrete and masonry substrates. SC Foundation Coating is designed to waterproof the exterior surface of below grade concrete and masonry. SC Foundation Coating closes the internal voids in the substrate, but still allows full breathability.

Available in 50 lb bags

### SpecPrep SB

SpecPrep SB is a three-component, long open time, cement/epoxy bonding adhesive and anti-corrosion rebar coating. SpecPrep SB offers up to a 24 hour open time and a structural bond for fresh concrete or repair mortars to existing concrete. SpecPrep SB also provides an anti-corrosion, protective coating for steel rebar in concrete restoration. SpecPrep SB will resist penetration of water and chlorides but will not form a vapor barrier after cure.

Available in 1 or 3.75 gal units





# Acrylic Bonding Agents

Providing superior adhesion and increased durability.



## Strong Bond

Strong Bond is an acrylic admixture and bonding agent designed to improve the adhesion and durability of concrete, masonry, stucco, terrazzo, and Portland cement/sand mixes to horizontal and vertical concrete and other surfaces. May contribute to **LEED credits. ASTM C1042, Type 2, and ASTM C1059, Type 2** compliant.

Available in 1, 5, or 55 gal units



## SpecWeld

SpecWeld is a ready to use, rewettable polyvinyl acetate (PVA) emulsion admixture and bonding agent which bonds new concrete, underlayments, masonry, stucco, terrazzo, and Portland cement/sand mixes to horizontal and vertical concrete surfaces. Recommended for interior and/or exterior use not subjected to constant moisture, hydrostatic pressure or continuous water saturation. **ASTM C932 and ASTM C1059, Type 1** compliant.

Available in 1, 5, or 55 gal units



## SpecPrime

SpecPrime is a ready to use, rewettable, tinted primer which bonds new concrete and SpecChem underlayments to horizontal concrete or other sound surfaces. Recommended for interior and dry applications only. *Specifically designed as a primer for SpecFlow.*

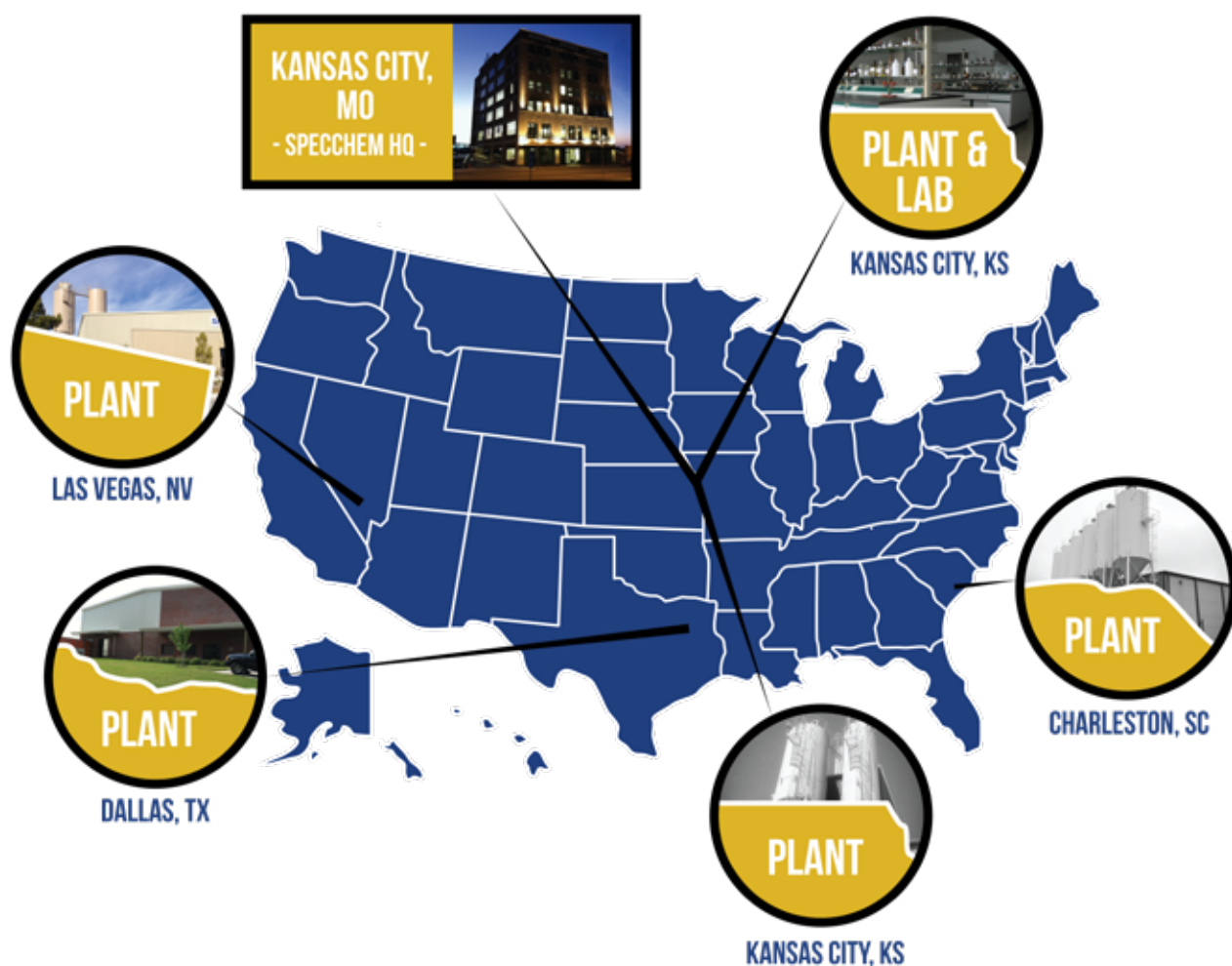
Available in 1, 5, or 55 gal units

# NATIONWIDE DISTRIBUTION, SALES, AND SUPPORT

We maintain five state-of-the-art manufacturing plants strategically located to serve all major markets, ensuring cost-effective and on-time shipping to every major market in the continental United States.

With regional sales offices and a national sales force serving every major market in the country, we've built a nationwide distribution model that allows us to provide best-in-class products, top-rated customer service & support, and – by leveraging location-based raw materials advantages – competitive pricing.

Contact your SpecChem sales representative, or drop us a note online at [SpecChemllc.com](http://SpecChemllc.com) for distribution in your area.



## Baltimore

Kansas City, MO

Located in the heart of downtown Kansas City, the historical, six-story Lowe & Campbell building has been part of an \$18 million renovation and serves as the headquarters for SpecChem, LLC.



## Richmond

### Kansas City, KS

Richmond, only minutes away from our Baltimore headquarters location, has the distinction of being our first plant, and of being capable of producing any of our liquid chemical products and epoxies. Richmond also houses our laboratory and our R&D team, along with our 7,600-square foot training facility.



## Chopper

### Harleyville, SC

The latest addition to the SpecChem manufacturing portfolio, Chopper is a 70,000 square foot full-line manufacturing plant located in the heart of the Southeast. Chopper has the largest capacity of any of our plants and serves the entire eastern seaboard.



## Bunker

### Kansas City, KS

Another Kansas City-based manufacturing plant, Bunker handles primarily cementitious products. Bunker's strategic location, just off of the Kansas River, offers us an unique competitive edge. Our immediate access to key raw materials - some of the best sand in the country for use in high-strength grouts, structural repair mortars, and other cementitious materials - gives us an incomparable advantage in terms of logistics.



## Star

### Farmersville, TX

This state-of-the-art manufacturing plant, located just north of Dallas, is also strategically located to leverage logistical advantages. Proximity to raw materials suppliers, and general location - allowing for wide geographic coverage - give us yet another competitive advantage when it comes to keeping prices competitive and getting product to customers on time.



## Sinatra

### Las Vegas, NV

Serving the Southwest, Sinatra is one of our newer manufacturing plants. Sinatra produces a wide variety of SpecChem products, including a full line of cementitious, epoxy, and liquid technologies. This plant is also strategically located in the Southwest to effectively serve the West Coast.



Product Category	SpecChem	Euclid/Tamms	BASF	SIKA	
Form Release Agents					
	SpecStrip	Form Shield Pure	Cast-Off		
	SpecStrip Plus	FormShield Pure Plus			
	SpecStrip Supreme	Crystal Release VOC			
	Precast 80				
	Dry-Deck WB				
	Bio Strip WB	Form-EZE Natural			
Cures and Cure & Sealers					
	SC Cure 500 & E-Cure				
	Cure & Seal 25	Diamond Clear, Rez Seal	MasterKure CC 250 SB		
	Cure & Seal 30	Super Floor Coat	MasterKure CC 300 SB		
	Cure & Seal WB	Aqua-Cure VOX	MasterKure CC 160 WB		
	Cure & Seal WB 25	Super Aqua-Cure VOX, Super Diamond Clear VOX			
	Cure & Seal 25 UV	Lusterseal 300, Super Diamond Clear	MasterKure CC 250 SB		
	SpecRez				
Paving Curing Compounds					
	SpecCity White				
	Pave Cure WW	Kurez VOX White Pigmented			
	Pave Cure Rez				
	Pave Cure Rez White				
Liquid Hardeners					
	Cure Hard	Eucosil	MasterKure HD 110 WB		
	Spec-O-Lith	SurfHard	Lapidolith		
	LithSeal SC	Ultrasil Li+			
	LithSeal Lite				
	SpecGuard	Ultra Guard			
	SpecHard	Euco Diamond Hard	MasterKure HD 210 WB		
Bond Breakers					
	SpecTilt WB				
	SpecTilt 100				
Evaporation Retarders					
	SpecFilm RTU				
	SpecFilm Concentrate	Eucobar	MasterKure ER 50	Sika Film	
Surface Retarders					
	SpecEtch	Concrete Surface Retarders S		Rugasol S	
	SpecEtch Deep				
Cleaners & Strippers					
	Orange Peel	Euco Clean & Strip	Citrus Degreaser		
	SpecBlast	Concrete Blaster			
Protective Sealers					
	Surface Shine	Ever Clear		Aggribrite VOC	
	Deco Shine	Super Diamond Clear			
	Deco Shine Matte				
	Crystal Shine	Lusterseal 350			
	Aqua Shine	Lusterseal 300 WB			

# SpecChem Product Comparison

W.R. Meadows		Dayton	MISC.	MISC.	MISC.
	Duogard, Duogard Citrus, Duoguard NE	J-1, J-1-A	Cresset 727, Cresset Super Strip 60	L&M E-Z Strip	NoxCrete Chembeton 250
		J-2	L&M Debond		
	Duogard Plus	J-3	Crete-Lease 880 VOC	NoxCrete Form Coating 250	
			Crete-Lease 880	NoxCrete Plus, L&M De Bond Gold	NoxCrete RA-10
			Nox-PCE		
		J-4 Bio, J-1EF	Crete-Lease BioTru	NoxCrete Bio-Nox	
	CS-309-25	J-20, J-22	L&M Dress & Seal 25		
	CS-309-30	J-23	(NX) Cure & Seal 1315 A	L&M Dress & Seal 30	
	VOCOMP-20	J-18, J-19	(GS) Multi-Purpose Sealer	(NX) Cure & Seal 120 E	
	VOCOMP-25, VOCOMP-30	J-19, J-22 WB	(NX) Cure & Seal 250 E	L&M Dress & Seal WB 25	
	CS-309-35	J-22UV	L&M LumiSeal Plus		
		J9-A	(NX) CityCure WW		
	1600-White	White Wax Cure	(RP) White Water Wax	(NX) DOT Road Cure WW	L&M Cure W
	1100-Clear	Clear Resin Cure	(RP) Clear Water Resin	L&M Cure R	
	1200-White	White Resin Cure	(RP) White Water Resin	L&M Cure R-2	
	Med-Cure	J-13	L&M Chem Hard	L&M Cure	
			ConSolideck LS	L&M Lion Hard	
		Pentra Hard-Densifier	ConSolideck LS CS		
			(NX) DuroPolish Plus		
	Liqui-Hard	J-17	Ashford Formula	(NX) DuroNox	L&M Seal Hard
		J-6 WB, Maxi-Tilt	(NX) Silcoseal 2000F	Silcoseal Select	
		J-6, Super Maxi Tilt	(NX) Silcoseal 100	Silcoseal Classic	
	Evapre-RTU	Aquafilm, J-74 RTU			
	Evapre	J-74, Aquafilm Conc.	L&M E-Con		
	Top Stop	Top Cast			
	Ultrite Degreaser	J-48	(NX) BioClean	L&M Citrex	
	Tiah	J-24	(NX) Nox-Carb		
	Decra-seal	J-25	(GS) Original Wet Lacquer	(NX) Sparkl-Seal	(S) CureSeal - S
			(S) CureSeal - S Matte		
	Expo-Gloss OTC		(GS) Wet Lacquer 2000		
		Ultra Seal EF	(GS) "Wet Look II" Sealer	(NX) Sparkl-Seal E	(S) CureSeal - W

Product Category	SpecChem	Euclid/Tamms	BASF	SIKA	
Water Repellents					
	SpecShield WB	Weather-Guard, ChemStop WB	White Roc 10 WB		
	SpecSilane 20WB				
	SpecSilane 40WB	Baracade Silane 40			
Acrylic Bonding Agents					
	Strong Bond	Flex-con	MasterEmaco A660	SIKA LATEX ACRYLIC	
	SpecWeld	EucoWeld	Eco Weld		
Epoxy					
	SpecPoxy Binder	Flexolith			
	SpecPoxy 500	Dural 50			
	SpecPoxy 1000	Euco #452 LV	MasterInject 1701	Sikadur Hi Mod 35	
	SpecPoxy 2000	Euco #452 MV	MasterEmaco ADH 330	Sikadur Hi Mod 32	
	SpecPoxy 3000	Euco #452 Gel	MasterEmaco ADH 335	Sikadur Hi Mod 31	
	SpecPoxy 3000 FS	Euco #620 Gel, Dural Fast Set Gel	Rapid Gel	Sikadur Hi Mod 33	
	SpecPoxy Coating	Duralkote 240			
	SpecPoxy C.J.	Euco 700	MasterSeal CR 335	Sikadur 51 SL	
	Rapid Flex C.J.	Euco QWIKjoint UVR		Sika Loadflex 524 EZ	
	SpecPoxy Grout	E-3F, E-3G, E-3HP, Polygrout	MasterFlow 648 CP	Sikadur 42	
	SpecPoxy Mortar	Dural Flex Fastpatch			
	SpecPoxy Sealer	Dural 50LM	MasterFlow GP		
Cementitious Grouts					
	SC Multi-purpose Grout	NS Grout/NC Grout	MB Construction Grout	SikaGrout 212	
	SC Precision Grout	Hi- Flow Grout	MasterFlow 928	SikaGrout 328	
	SC Metallic Grout	NS Metallic Grout	Embaco 885		
	UW Grout	Tremie Grout			
Dry-Shake Hardeners					
	Quartz Floor Hardener	Surflex	MasterTop 100		
Repair Products					
	SpecPatch 5	SpecCrete Red Line			
	SpecPatch 15	Speed Crete Redline		Sika Repair 223, Sika Quick VOH	
	SpecPatch 30	Eucopatch, Thin Patch, EucoCrete, Eucopatch	MasterEmaco N 425, Sonopatch TC	Sika Repair 222, Top 121	
	SpecPatch Light	Speed Crete Redline			
	Duo Patch	Tammspatch II, DuraTop Flowable Mortar	Sonopatch 300	Sika Top 122 Plus	
	SpecSmooth	Tammscrete			
	RepCon V/O	Verticoat Supreme, Verticoat	Gel Patch/Sonopatch 200	Sika Top 123 Plus	
	RepCon H	Concrete Top Supreme	MasterEmaco R310 CL, Emaco 566	Sika Set Mortar	
	RepCon 928	Versaspeed LS			
	RepCon UW Mortar	Speed Crete Blue Line			
	SpecPlug	Speed Plug			
	SpecRock	Euco Rock			
	SpecFlow	Flop Top, Super Flo Top			
	Final Finish	Tammscrete			
	RevCrete	Thin Top Supreme, Euco Recover			
	SpecLevel PCT				



# SpecChem Product Comparison

W.R. Meadows		Dayton	MISC.	MISC.	MISC.
		J-26 WB	(GS) Natural Look	L&M AquaPel	
	Deck-O-Shield	J-29	L&M AquaPel Plus		
	Acryl-Lok	J-40	L&M Everbond		
	Everweld	J-41	Larsen's Weld Crete	L&M Everweld	
	Rezi-Weld LV	J-56	Concressive 1375	(AT) Crackbond LR 321	
	Rezi-Weld 1000	J-58	Concressive LPL	(AT) Ultrabond 2100	
	Rezi-weld Gel Paste	J-50	Concressive 1444	(AT) Ultrabond 2300	
	Rezi-Weld Gel Paste	J-51 FS	(AT) Ultrabond 1300		
	Rezi-Weld Flex	J-52	MM-80		
			VersaFlex SL 85, 88 / Adhesives Technology Crackbond JF 311	Metzger/McGuire RS 88 / HiTech HT-PE85 MI	ARDEX ARDISEAL RAPID PLUS
	Rezi-Weld 3/2	J-55	L&M EpogROUT 758		
		Sure Patch			
	SG-86	#1107	CTS MP Grout	L&M Duragrout	
	588	High Performance Grout	14K Hy-Flow	Five Star Grout	L&M Crystex
		Dalton Metallic Grout			
		Quartz Tuff	Quartzplate FF		
			Ardex OVP, SKM, CP	Lyons Cast Patch	
	Meadow-Patch 20, T-1	Recrete, Thin Resurfacer	Lyons Pave Crete	L&M Duracrete	Ardex GPS, Rapid Set Cement All
		Special Patch	Ardex CD		Lyons PatchCrete
		Architectural Finish			
		Permapatch V/O	Ardex B20	CTS Mortar Mix	
	Futura 15	Polyfast	EMACO 566		
			Ardex K15, LU 100, K10,V1200		

Misc = NoxCrete (NX), Lyons, Adhesive Tech (AT), L&M, Glaze N' Seal (GS), CTS Rapid Set, Ardex, Right Pointe (RP), Scofield (S)

## Acrylic Bonding Agents

SpecPrime	Re-emulsifiable underlayment primer for SpecFlow . . . . .	P. 50
SpecWeld	Rewettable acrylic bonding agent . . . . .	P. 50
Strong Bond	Non-rewettable acrylic bonding agent & admixture . . . . .	P. 50

## Bond Breakers

CleanLift 20/20	Premium reactive water-based tilt-up cure/bond breaker . . . . .	P. 27
SpecTilt 100	Premium reactive solvent-based tilt-up bond breaker . . . . .	P. 26
SpecTilt EX	Quick-drying, low VOC solvent-based bond breaker . . . . .	P. 27
SpecTilt WB	Premium reactive water-based bond breaker . . . . .	P. 24, 26, 28, 36

## Cementitious Grouts

SC Metallic Grout	High-strength, non-shrink, metallic grout (meets ASTM C1107) . . . . .	P. 41
SC Multi-Purpose Grout	Non-shrink, nonmetallic construction grout (meets ASTM C1107) . . . . .	P. 27, 40, 41
SC Precision Grout	High flow/high-strength, non-shrink, non-metallic grout (meets ASTM C1107) . . . . .	P. 40
SC Precision Grout HS	High Performance/High Strength Grout . . . . .	P. 40
UW Grout	Underwater cementitious grout . . . . .	P. 41

## Cleaners, Strippers & Misc. Chemicals

Berry Clean	Raspberry scented solvent/cleaner/degreaser . . . . .	P. 31, 32
K-Set	Non-corrosive, non-chloride masonry accelerating admixture . . . . .	P. 31
Orange Peel	Citrus-based solvent & degreaser . . . . .	P. 24, 28, 31
Sealer ReNew	High-strength deblushing solvent/cleaner . . . . .	P. 32
Solvent 100	High-strength solvent cleaner . . . . .	P. 32
SpecBlast	Biodegradable cleaner to remove hardened concrete from forms, tools, etc. . . . .	P. 07, 32
Xylene	High-strength solvent cleaner for resin based compounds . . . . .	P. 32

## Curing Compounds and Cure & Sealers

Crystal Rez	Clear, water-based dissipating resin cure . . . . .	P. 16
Cure & Seal 25	25% solids solvent-based cure & seal . . . . .	P. 16
Cure & Seal 25 EX	25% solids, low VOC, solvent-based cure & seal . . . . .	P. 16
Cure & Seal 25 UV	25% solids solvent-based cure & seal . . . . .	P. 17
Cure & Seal 25 UV EX	25% solids, low VOC, solvent-based cure & seal . . . . .	P. 17
Cure & Seal 30	30% solids solvent-based cure & seal . . . . .	P. 17
Cure & Seal 30 EX	30% solids, low VOC, solvent-based cure & seal . . . . .	P. 17, 19
Cure & Seal WB	Water-based cure & seal . . . . .	P. 17, 24

## Cure and Cure & Sealers

Cure & Seal WB 25	25% solids water-based cure & seal . . . . .	P. 18
Cure & Seal WB 30	30% solids water-based cure & seal . . . . .	P. 18, 19
Cure Shield	One-step, silane solvent-based cure & seal . . . . .	P. 18
Cure Shield EX	One step, low VOC Cure & Seal containing silane . . . . .	P. 19
E-Cure	Clear concrete curing compound . . . . .	P. 06, 15, 27
SC Cure 500®	Lithium-based concrete curing compound . . . . .	P. 15
SpecRez	Water-based dissipating resin cure . . . . .	P. 06, 15, 24

## Dry-Shake Hardeners

Quartz Floor Hardener	Non-metallic, quartz, dry-shake floor hardener . . . . .	P. 42
SpecPlate Floor Topping	Metallic floor topping . . . . .	P. 42

## Evaporation Retarders

SpecFilm Concentrate	Concentrated evaporation retardant & finishing aid . . . . .	P. 29
SpecFilm RTU	Evaporation retardant & finishing aid . . . . .	P. 21, 28, 29

## Form Release Agents

Bio Strip WB	100% biodegradable water-based form release agent . . . . .	P. 05, 06, 09
Bio Strip WB Concentrate	100% biodegradable water-based form release concentrate . . . . .	P. 05
Deco Liquid Release	Root beer scented release agent for decorative stamps . . . . .	P. 09
Dry-Deck WB	Water-based architectural form release agent (drying-type) . . . . .	P. 05
Form Seasoning WB	Water-based aluminum form seasoning treatment . . . . .	P. 07, 08
Precast 80	Fast-drying premium reactive form release . . . . .	P. 09
SpecStrip	General purpose reactive form release agent . . . . .	P. 07, 08, 21
SpecStrip Plus	Low odor premium reactive form release agent . . . . .	P. 08
SpecStrip Supreme	Clear premium reactive form release agent . . . . .	P. 08
SpecStrip VOC 100	Low VOC premium reactive form release agent . . . . .	P. 09
SpecStrip WB	Water-based general purpose reactive form release agent . . . . .	P. 08
TriAct	Multi-purpose form treatment concentrate . . . . .	P. 07, 09

## Liquid Hardeners

Cure Hard	Sodium silicate cure & dustproofers . . . . .	P. 23
LithSeal Lite	Low solids lithium silicate concrete sealer/densifier . . . . .	P. 24, 36
LithSeal SC	Lithium silicate concrete sealer/densifier . . . . .	P. 23, 25
Spec-O-Lith	Water-based, liquid fluorosilicate hardener concentrate . . . . .	P. 24



SpecGuard	High-gloss concrete protectant/polish . . . . .	P. 24, 25
SpecHard	Siliconate sealer/densifier . . . . .	P. 23, 25, 28

## Paving Curing Compounds

Pave Cure AMS	High-solids white pigmented poly-alpha-methylstyrene curing compound . . . . .	P. 20
Pave Cure CW	Water-based, clear wax membrane curing compound (DOT) . . . . .	P. 22
Pave Cure Rez	Water-emulsified, resin-based curing compound (DOT) . . . . .	P. 22
Pave Cure Rez White	White pigmented, water-emulsified resin-based curing compound (DOT) . . . . .	P. 21, 22
Pave Cure WW	Water-based, white pigmented wax membrane curing compound (DOT) . . . . .	P. 20
Pave Cure WW - 300	High-solids, white pigmented, wax-based concrete curing compound . . . . .	P. 21
SpecCity White	White pigmented, water-based wax curing compound (Non-DOT) . . . . .	P. 20

## Protective Sealers

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Crystal Shine	High-gloss, methacrylate, lacquer sealer . . . . .	P. 11, 12
Crystal Shine Matte	Matte finish protective exterior sealer . . . . .	P. 12
Deco Shine	Premium gloss, high durability exterior methacrylate sealer . . . . .	P. 10, 11
Deco Shine Matte	Matte finish protective exterior methacrylate sealer . . . . .	P. 12
Surface Grip	Slip resistant additive . . . . .	P. 12
Surface Shine	High-gloss acrylic sealer (ASTM C1315 Class A) . . . . .	P. 13
Surface Shine Brown EX	25% solids low VOC solvent-based pigmented cure & seal (ASTM C309) . . . . .	P. 14
Surface Shine EX	High-gloss, low VOC acrylic sealer (ASTM C1315 Class A) . . . . .	P. 13
Surface Shine Gray/Brown	Single package, ready to use, gray/brown pigmented sealing system . . . . .	P. 13/14
Surface Shine Gray EX	25% solids low VOC solvent-based pigmented cure & seal (ASTM C309) . . . . .	P. 13
Surface Shine WB	High-solids water-based acrylic sealer (ASTM C1315 Class A) . . . . .	P. 13

## Repair Products

Duo Patch	Two-component, polymer-modified concrete repair mortar . . . . .	P. 44
Final Finish™	Ultra-fine, rapid hardening/polymer-modified/concrete resurfacer . . . . .	P. 43
RepCon® 928 & FS	Rapid-hardening, single component, fiber-reinforced, structural repair mortar . . . . .	P. 45
RepCon® H	Single component, fiber-reinforced, polymer-modified concrete repair mortar . . . . .	P. 44
RepCon® H-350	Single component, polymer-modified concrete repair mortar with corrosion inhibitor . . . . .	P. 45
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RevCrete™	Polymer-modified concrete repair / resurfacing mortar . . . . .	P. 48
SC Foundation Coating	Polymer-modified, cement-based waterproofing coating . . . . .	P. 49

SpecFlow	Premium self-leveling cement-based underlayment .....	P. 48
SpecLevel PCT	High-performance self-leveling polishable concrete topping .....	P. 25, 45, 46
SpecSmooth	Polymer-modified concrete repair/resurfacing mortar for thin applications .....	P. 48
SpecPatch 15 & 30	General purpose concrete repair mortar .....	P. 44
SpecPatch 5	Fast-setting, general purpose concrete repair mortar .....	P. 43
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## Specialty Epoxies & Polyurea Products

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SpecPoxy 1000	ASTM C881 compliant hi-mod, low viscosity epoxy .....	P. 25, 35, 46
SpecPoxy 2000	ASTM C881 compliant hi-mod, medium viscosity epoxy .....	P. 35
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SpecPoxy Coating	100% solids, high-build epoxy coating .....	P. 38
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SpecSilane 100	100% solids, deep penetrating silane sealer .....	P. 34
SpecSilane 20 WB	20% solids, water-based deep penetrating sealer .....	P. 33
SpecSilane 40	40% solids VOC compliant penetrating silane sealer .....	P. 33
SpecSilane 40 WB	40% solids, water-based deep penetrating sealer .....	P. 33

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