INCRETE SYSTEMS

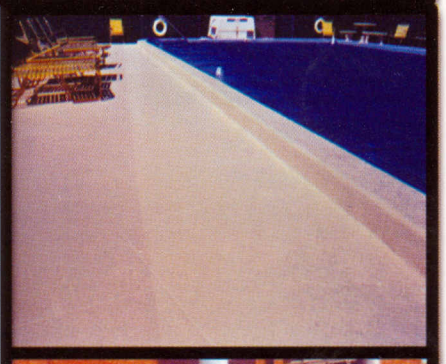
CONCRETE STAIN

Enliven New Concrete, or Rejuvenate Old, with Rich Durable Color!

- Seals and Protects.
- Restores & Beautifies.
- Provides Durable, Long-Lasting Color.
- Available in 30 Standard Colors.
- Easy to Clean, Stain & Mildew Resistant.
- Excellent Wet & Dry Abrasion Protection.
- Cool-to-Touch.
- Won't Peel, Chip, Crack, or Fade.

DEEP PENETRATING!

Concrete Stain is specially formulated to penetrate deep and seal the surface for long lasting, durable color.



INCRETE SYSTEMS

Decorative ConcreteTechnology

CONCRETE STAIN SEALER—WATER BASED

WATER BASED ACRYLIC CONCRETE STAIN AND SEALER

DESCRIPTION

Increte Systems Water Based Concrete Stain Sealer is an acrylic latex sealer designed to beautify, protect and seal any concrete and masonry surface. It is a blend of the finest acrylic resins and pigments available which gives this product superior adhesion, good resistance to wet and dry abrasion, excellent color fastness, outstanding resistance to chemicals and excellent blush resistance.

PRIMARY APPLICATIONS

- All masonry and concrete (unpainted)
- Increte Spray-Deck
- Pool Decks (Kool Deck and Keystone)
- Driveways
- Sidewalks
- Patios
- Residential Garage Floors
- Architectural Concrete
- Concrete Block
- Poured and Precast Concrete

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying time* at 73°F, 50% RH:..... 1-2 hours	Foot traffic..... .....24 hours
Wheel traffic.....48 hours	VOC content.....<100 g/L
Adhesion to concrete.....excellent	Alkali resistance 48 hour exposure.....excellent
Min. Working Temperature……...55°F	Resistance to yellowing from UV exposure……..excellent
Solids content.....45+/-1%	Hurricane Force Water:…… ……...No Effect
Coverage Rate (per coat):…….150 sq.ft/gal	

**Low concrete or air temperature and/or high relative humidity will extend drying time.*

PACKAGING

1 gallon and 5 gallon units

SHELF LIFE

2 years in unopened container

INCRETE SYSTEMS
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INCRETE SYSTEMS
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A Division of The Euclid Chemical Company An RPM Company

CONCRETE STAIN SEALER—WATER BASED

WATER BASED ACRYLIC CONCRETE STAIN AND SEALER

DIRECTIONS FOR USE

APPLICATION PROCESS

Test areas should always be used when unfamiliar with surface and/or product. This extra step will determine if the surface is properly prepared, probable coverage, and the best method suited for application

Preparation: Concrete must be at least 30 days old. All paint, oil, and grease must be removed. Concrete must be etched, as a porous surface is required. Etching should be done with 5 part water to 1 part muriatic acid solution. Extremely hard or polished concrete may require a second application with stronger solution. Rinse surface thoroughly with plenty of clean water and let dry completely. Ambient and substrate temperature must be between 50°F and 90°F. Avoid application during rainy, foggy, or very humid weather when water condensation forms on the surface.

Roller Application: *Always stir stain well before use, and during application to prevent settling and ensure proper dispersion of colorant.* Roll on first coat. Use a good quality roller when applying stain. To help eliminate bubbling, saturate roller thoroughly before starting and use a roller pan or a paint grid to remove excess stain. A second coat must be applied after the first coat has completely dried, usually a minimum of 4-6 hours.

Spray Application: *Always stir stain well before use, and during application to prevent settling and ensure proper dispersion of colorant.* Apply first coat. Use an airless sprayer with a medium tip size and very low pressure. If conditions are windy or extremely hot, adjust technique to avoid "dry spraying" the surface. A second coat must be sprayed after the first coat is dry.

In order to achieve more non-slip surface, add INCRETE SHUR GRIP to the final coat of sealer.

CLEAN-UP

Use warm water for cleaning tools.

PRECAUTIONS/LIMITATIONS

- Do not use on wood surfaces, areas sensitive to solvent attack, or wet surfaces.
- Excessive build-up of STAIN SEALER or puddling of the product during application can lead to improper curing, bubbling, and discoloration.
- Do not apply when concrete surfaces or ambient temperatures are below 55°F, or if rain is expected within 12 hours after application.
- Application in hot direct sunlight or when concrete and/or air temperatures are 95°F (35°C) and above can cause bubbling.
- Do not apply over concrete that will receive toppings, epoxy or urethane based coatings or adhesives.
- Not resistant to gasoline or other automotive fluids.
- Do not thin this product.
- In all cases, consult the Material Safety Data Sheet before use.

KEEP AWAY FROM CHILDREN.

TECHNICAL DATA - PRODUCT INFORMATION

Con-Spec Industries Ltd.

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Edmonton, Alberta
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Fax: (780) 437-5242

TRUSeal ACRYLIC SEALER

DESCRIPTION:

Con-Spec's TRUSeal Acrylic Sealer is a one component, ready-to-use clear, solvent-based curing and/or sealing compound, designed for use on interior and exterior concrete. This sealer is ideally suited for exposed aggregate, stamped concrete, and coloured concrete. It meets ASTM C-309 specifications as a curing compound and it is an excellent dustproofer and surface sealer. TRUSeal Acrylic Sealer will resist many chemicals, help protect against staining, and will provide some colour highlighting. It is a not affected by ultraviolet rays and will not yellow. TRUSeal Acrylic Sealer is available in five formulations:

- TRUSeal Cure &Seal Sealer: a 15% solids sealer for use on freshly poured concrete or sealing old concrete where a flat finish is required. Meets ASTM C-309 when applied at 225 ft^2/gal (5.5 m^2/L). (VOC Content <350g/l)
- TRUSeal Cure &Seal High Gloss Sealer: a 25% solids sealer for use on freshly poured concrete or sealing old concrete where a high gloss finish is required. Meets ASTM C-309 when applied at 225 ft^2/gal (5.5 m^2/L). (VOC Content <350g/l)
- TRUSeal Semi-Gloss Sealer: a 20% solids sealer for use on cured concrete or sealing old concrete where a semi gloss finish is required. (VOC Content <400g/l)
- TRUSeal High Gloss Sealer: a 25% solids sealer for use on cured or old concrete where additional protection and a high gloss finish is required. (VOC Content <400g/l)
- TRUSeal Ultra High Gloss Sealer: a 30% solids sealer for use on cured or old concrete where additional protection and extra high gloss finish is required. (VOC Content <400g/l)

LIMITATIONS:

- TRUSeal Sealer is not recommened to seal voids, cracks, or for use where hydrostatic pressure is present. Do not apply to exterior surfaces if rain is expected within 3 hours after application. Take caution when applying in windy conditions or in direct sunlight as this may cause bubbling. Temperature must be between 5C (40F) and 26C (80F). Do not apply to frozen or frost-filled concrete surfaces.

SURFACE PREPARATION:

Freshly Placed Concrete: Use a TRUSeal Cure &Seal Sealer. Horizontal surface must be finished and may be damp, but not wet. The surface must be able to withstand foot traffic from workers. Vertical surfaces may be treated as soon as the forms have been removed and the surface rubbed.

Existing Concrete: Surface must be structurally sound, dry, clean, free of dust, dirt, oil, grease, or other contaminants or coatings. Acid etch surface to ensure concrete is clean, rinse thoroughly with clean water, and allow to dry. Concrete should be dry in order to achieve maximum penetration and performance.

APPLICATION TECHNIQUES:

Freshly Placed Concrete: Apply TRUSeal Cure &Seal Sealer when all free water has disappeared and surface cannot be marred. Use low pressure spray. Product may be rolled under specific conditions. **Do not thin.** Apply uniformly without puddles. Apply as soon as possible to fresh concrete. Use sprayers with Xtreme seals, hoses, and fittings. A second coat may be applied later, after proper surface preparation, to enhance gloss and protection.

Existing Concrete: Apply two uniform applications as above. Allow 1-2 hours after first coat before application of second coat. Unsealed concete surfaces should be first sealed with TRUSeal Cure &Seal Sealer or TRUSeal Semi-Gloss to reduce out gassing followed by one or more coats of TRUSeal High Gloss to achieve a high gloss. Sharkgrip or a non-slip additive may be added to improve slip resistance. Let cure for 24 hours before opening to traffic.

When rolling in temperatures above 25ºC or in windy conditions, make sure there is enough product being applied. Not having enough product on your roller will result in micro bubbles appearing. These micro bubbles can be easily re-emulsified into the coating by applying Xylene to the substrate and rolling back and forth just until "cobwebs" form on your roller. Stop rolling at this point and the coating will dry normally with no bubbles.

COVERAGE:

Curing 225 ft^2/gal (5.5 m^2/L) on fresh concrete
Sealing 250 ft^2/gal (6.1 m^2/L)
Texture and absorption of surface will influence final coverage rates.

CLEAN-UP INSTRUCTIONS:

Clean tools and equipment with Xylene or Acetone.

SAFETY PRECAUTIONS:

Flammable, keep away from open flames. Use in a well ventilated area. Avoid prolonged contact with skin and breathing of vapour or spray mist.

REV 04/12/13

TIP SHEET

Exempt solvent-based sealers dry much faster than the traditional solvent-based sealers. Listed below are specific application methods that should be followed to ensure successful results.

Exempt solvent sealers should be applied with an industrial, hand held pump-up sprayer equipped with solvent resistant (Viton®) gaskets, o-rings, and hoses. Chapin's Xtreme Industrial Concrete Sprayer, which is resistant to acetone, works well. The fittings in standard pump-up sprayers will deteriorate when in contact with acetone. Sprayers should be equipped with a 1 gallon per minute spray tip.

Because VOC compliant sealers dry faster, the nozzle of the sprayer must be held close to the concrete; no more than 12" (30 cm) above the surface. Do not wave the sprayer nozzle back and forth high above the concrete, as this can lead to flash drying, "spider webbing" and/or bubbling of the sealer.

Maintain a wet edge during spraying to prevent overlap marks, and do not over apply the product.

When sealing or re-sealing existing concrete, best results are achieved by spraying the exempt solvent-based sealer rather than rolling. If rolling is necessary, do not overwork the roller; this can cause bubbling and stringing of the sealer. Once the product has become tacky, do not roll over it. Keep a tray of solvent nearby to help keep the roller wet.

The fast dry times of exempt solvent products require application during the coolest times of the day (early morning or late evening; avoid hot, direct sunlight) and is especially critical to good results. Applying products in hot weather or direct sun may result in severe bubbling. Keep the product cool; don't leave pails in direct sunlight. If bubbling does occur, the sealer can be re-wetted with solvent

In summary:

- Always follow product instructions - especially coverage rates - very carefully
- Keep products cool during storage
- Spray, don't roll, and keep the sprayer tip low
- Use during the coolest part of the day
- Apply "thin to win"

TROUBLESHOOTING

Concrete turned white/milky

Cause #1: Moisture is trapped between sealer and concrete. This may be caused by applying sealer too soon or concrete too wet.
Cause #2: Sealer losing bond to concrete surface. This may be caused by applying sealer in too hot or windy conditions.
Cause #3: Sealer applied too thick. Acrylic sealers are meant to be applied thin; 1to 2 mils in thickness.
Solution: Roll xylene onto sealed surface to re-emulsify sealer.

Sealer bubbled

Cause #1: Sealer is too thick.
Cause #2: Applied on hot concrete or in direct hot sun.
Cause #3: Over-rolling.
Sealers dry by the evaporation of the solvent. In hot weather the sealer surace will "skin over" too quickly, trapping solvent. Over application will also trap solvents.
Solution: Roll xylene onto sealed surface to re-emulsify sealer.

Concrete has blotchy appearance after sealing

Cause #1: Poor/uneven application.
Cause #2: Inadequate surface prepraration.
Cause #3: Concrete surface varies in porosity.
Solution: Keep a wet edge while applying sealer.
Ensure a clean surface before application.
Application of additional coats for a even appearance.

Concrete losing shine or wears off soon after application

Cause #1: Sealer losing bond to concrete surface.
Cause #2: Use of chemicals.
Cause #3: Expectations too high.
Solution: Losing bond may be fixed by rolling xylene onto surface.

EUCLID CHEMICAL

EUCLID UNIVERSAL COLOR CHART

Standard colors for tintable Euclid Chemical products and EUCLID UNIVERSAL COLOR PACKS (EUCO PACKS)

◆ LIGHT REFLECTIVE	TIMBERWOLF	◆ TAN	BANNER RED
LIMESTONE	ERIE GRAY	SAHARA	◆ TILE RED
◆ LIGHT GRAY	SHADOW GRAY	CASTLE GRAY	◆ TERRA COTTA
STANDARD GRAY	IRONSTONE	PEBBLE BEACH	OLD BRICK
PEWTER		MOCHA BROWN	GRAVITY BROWN
◆ FRENCH GRAY	◆ DIAMOND GREEN	BOMBER JACKET	CHESTNUT
◆ BATTLESHIP GRAY	OREGANO	SUEDE	◆ BROWN
STEEL	NAVY	PATINA	ESPRESSO
BLACK		OLIVE BRANCH	

◆ **Standard color for select Euclid dry shake hardeners**

Colors shown are approximations. It is strongly recommended that color selection is based on applied samples or project mock-ups that replicate jobsite conditions. Review the technical data sheet of the product to be pigmented with Euco Universal Color Packs to verify compatibility and proper usage. The most current technical data sheet for each product can be found at euclidchemical.com.

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EUCLID CHEMICAL

PRODUCT GROUPS ELIGIBLE FOR USE WITH EUCLID UNIVERSAL COLOR PACKS (EUCO PACKS)

Please refer to the technical data sheet of the products within each group to determine if they are capable of using Euco Packs.

Joint Fillers

Whether you decide to use Euclid Chemical's epoxy or polyurea joint fillers for your next flooring project, you are able to obtain these in a wide variety of colors to coordinate with the visual effects of your floor. A lot of time and money is spent designing the aesthetics of your floor; you should compliment that with a similarly colored joint filler to enhance the appearance and most importantly, protect the edges of the floor joints. We also provide polyurea joint fillers to repair older floor joints that have raveled over the years due to excessive wear.

Floor Coatings

In some cases, the appearance or durability of your concrete floor just isn't adequate. Coatings can be applied to concrete substrates to not only enhance the overall appearance, but they can provide protection against chemical spills and other instances that may be detrimental to the base concrete. With the addition of EUCO PACKS colorant, you never have to worry about having the appropriate color in inventory, which could cause delays in your construction schedule. With a wide array of colors available, your next project using Euclid Chemical's coatings with EUCO PACKS colorant is sure to be done on time, on budget and last for many years.

Solvent-Based Cure & Seals

With the addition of EUCO PACKS colorant to Euclid Chemical solvent-based cure & seals or sealers, you can turn the ordinary into extraordinary. Whether your concrete has some discoloration or just appears "old", you can enhance the appearance with one of our solvent-based sealers tinted with the simple addition of EUCO PACKS colorant. Exposed aggregate and other decorative concrete slabs are visually stunning once completed. Over time, the luster leaves as a result of weathering and wear. With an application of a tinted sealer, you can bring life back into your concrete.

Repair Products

Occasionally, damage occurs to concrete surfaces that have some decorative aspect to them. These repairs call for a colored repair option. With the addition of EUCO PACKS colorant to a select group of our repair products, you can make the necessary repairs while maintaining an aesthetically pleasing appearance.

For more information on the use of EUCO PACKS colorant, please contact your local Euclid sales representative or contact Euclid Chemical's Technical Service Team.