

CRYSTAL CLEAR & CRYSTAL STAIN

Color-Enhancing Acrylic Sealer for Stone & Masonry

Use On:

- ✓ Pavers
- ✓ Concrete
- ✓ Slate
- ✓ Stamped Concrete
- ✓ Exposed Aggregate
- ✓ Unglazed Tile
- ✓ Brick
- ✓ Sandstone
- ✓ Chattahoochee

Description: Crystal Clear and Crystal Stain cover a wide range of acrylic coatings for concrete and masonry walls and floors. While each formula is similar in nature, each is distinctive in performance and is more suitable for certain specific job requirements than others.

Crystal Clear and Crystal Stain offer a wide range of effective water repellent and waterproofing treatments for stamped concrete, pavers, natural stone, architectural concrete, stucco, and exposed aggregate.

In addition to its weather resistant treatments, it provides a tough, durable, tile-like coating that highlights and locks in the coloring and natural beauty of flagstone, slate, terrazzo and many other concrete or masonry surfaces.

Use on patios, walkways, interior or exterior walls, floors, walks and decks in schools, institutions, commercial, industrial or residential buildings.



Crystal Clear & Crystal Stain are UV resistant and breathable.

Advantages:

- Non-Yellowing on exposure to ultraviolet
- Non fading. Resists cracking, peeling or flaking.
- Prevents or greatly reduces efflorescence, spalling and staining.
- A water resistant film. Bridges minor cracks and voids to repel water.
- Excellent resistance to strongest cleaning agents, alkalis, mild acids, grease, oil and most chemicals.
- Penetrates deep into substrate to improve resistance to weather erosion.
- Allows masonry to breathe. Good moisture and vapor transmission.
- Ready to use - One part system.

Crystal Clear

Crystal Clear is a clear, acrylic coating, available in many formulations to achieve a variety of “wet looks” and sheens. All formulas will highlight and darken the natural appearance of the stones or masonry surface.

Formulations:

Crystal Clear Standard X- is of medium viscosity. The most popular all around protective sealer for most floor and wall surfaces. Fast drying and contains a minimum of 18% solids. For outdoor use only.

Crystal Clear Stone Seal - is a medium viscosity coating designed to seal dense floor surfaces such as flagstone, quarry tile, terrazzo, etc. where a low to medium sheen is desired. Minimum solids is 18%

Crystal Clear 951 - is a medium viscosity penetrating sealer for stamped concrete, pavers, natural stone, etc. where a low sheen is required. Minimum of 15% solids.

Crystal Clear 951F - is a flattened version of the above sealer for applications where color enhancement is desired without the surface shine or sheen. Minimum of 15% solids.

Crystal Clear 903X - is a heavy viscosity sealer for a variety of masonry surfaces where heavy shine and a deep “wet look” is desired. Fast drying and contains a minimum of 30% solids. For outdoor use only.



Faded stonework? Enhance the color and nuances of natural stone while protecting from the destructive affects of water and salt.

Crystal Stain

Crystal Stain is a translucent sealer containing acrylic co-polymers of identical nature to Crystal Clear. However, in addition it contains non-fading, inorganic oxide pigments, and ultraviolet stable colorants of sufficient strength and quantity to uniform concrete, masonry and brick color variations.

Crystal Stain will provide a long lasting architectural color toning effect to concrete and masonry without giving surface a painted look or changing it's texture or natural beauty.

Crystal Stain is designed to penetrate into the substrate. The acrylic resins chemically and physically lock into the masonry or concrete surface to become part of it, to form an exceptionally durable and effective moisture barrier to help prevent exterior dampness from entering the interior.

Crystal Stain will hide stains and discoloration caused by efflorescence and other natural defects and imperfections found in most concrete and masonry surfaces.

Crystal Stain is non-yellowing, alkali, acid, pollution and acid rain resistant.

Crystal Stain protects by sealing the surface against moisture penetration, reduces staining and discoloration but still has excellent vapor transmission and breathing qualities.

Crystal Stain colorants remain in suspension for an even, uniform stain effect to enhance the final shade and appearance of the surface to which it had been applied.

Limitations:

Do not apply on rainy days or to wet or damp surfaces. Any existing sealers or paints need to be thoroughly removed. Extreme temperatures or humidity may affect final appearance. It is recommended that a test area be done for every application.



Crystal Stain is available in custom colors and can be matched to existing stone or masonry colors .



Paver Stones look amazing when first installed but the vibrant colors will fade over time if not protected from the harmful UV rays of the sun. Crystal Clear can restore color to faded stone!

Technical Data: of Crystal Clear & Crystal Stain

General Characteristics

Color	Water White
pH	Neutral
Sward Hardness (overnight)	50
Tukon Hardness (one week)	12.6
Knife Adhesion (one week)	Very good
Tack Free Time (22.5% solids content)	15 Minutes
Outdoor Exposure Rating (Portland Cement Association)	Excellent
ASTM D-525-53T	Test Exceeds

Finishes:

Gloss, Semi-gloss or Flat

Coverage Rate: 150-200 ft² per gallon.

Clean Up: Sox Solvent, Xylene or Mineral Spirits
Formulations available passing FDA specifications and Rule 66 solvent, Clean Air Standards, Ecology Safe Grade.

Application:

All surfaces should be clean and structurally sound. Remove dust, dirt and atmospheric contamination. Repair voids and cracks. Repoint and recaulk as required. Surface must be dry. Temperature should be a minimum of 40°F.

Application may be made with brush, roller or spray. Application must be made in an even, saturating manner. Avoid excessive run down, draping or overlapping. Protect shrubbery and glass from over-spray.

Test panels should be made prior to full scale application to determine material type, rate of application, number of coats and method of application best suited to job conditions.

Warning: Material is flammable. Avoid exposure to flame or sparks. Use good ventilation during interior applications.

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Crystal Stain will provide a long lasting architectural color toning effect to concrete and masonry without giving surface a painted look or changing it's texture or natural beauty.

Crystal Stain is designed to penetrate into the substrate of porous surfaces. The acrylic resins chemically and physically lock into the masonry or concrete surface to become part of it, to form an exceptionally durable and effective moisture barrier to help prevent exterior dampness from entering the interior.

Crystal Stain will hide stains and discoloration caused by efflorescence and other natural defects and imperfections found in most concrete and masonry surfaces.

Crystal Stain is non-yellowing, alkali, acid, pollution and acid rain resistant.

Crystal Stain protects by sealing the surface against moisture penetration, reduces staining and discoloration but still has excellent vapor transmission and breathing qualities.

Crystal Stain colorants remain in suspension for an even, uniform stain effect to enhance the final shade and appearance of the surface to which it had been applied.

Limitations:

Do not apply on rainy days or to wet or damp surfaces. Any existing sealers or paints need to be thoroughly removed. Surface needs to be porous. Dense or non-porous surfaces will not allow color to penetrate evenly resulting in streaking or blotching. Extreme temperatures or humidity may affect final appearance. It is recommended that a test area be done for every application.



Crystal Stain is available in custom colors and can be matched to existing stone or masonry colors .

