

### GENERAL INFORMATION

CRYSTAL CLEAR is an exclusive water-based urethane formulation that protects interior and exterior surfaces from graffiti, stains from pollutants and other unwanted surface markings.

CRYSTAL CLEAR is effective on natural or painted, porous and non-porous surfaces: brick, tile, concrete, stucco, wood, stone, metals, granite, pre-cast concrete, exposed aggregate, split-face block, etc. It can be used on walls, signs, statues, sculptures, restroom partitions, interior day care and school walls. In fact, any surface that is a potential target for graffiti.

CRYSTAL CLEAR works as a barrier between graffiti and the underlying surface. Graffiti removal is made simple with the use of a pressure washer and/or KICK graffiti remover. CRYSTAL CLEAR will withstand multiple graffiti removals while continuing to protect for a period of 10 years. It is not a sacrificial coating.

### ADVANTAGES

- VOCs 60 g/l – CRYSTAL CLEAR PART A
- VOCs 0 g/l – CRYSTAL CLEAR PART B
- Single coat application
- Non-yellowing
- Moisture prevention
- Fast drying (dries and protects within 24 hours)
- Retards the growth of mold, mildew, and algae
- Can be applied at temperatures above 34°F
- Expected shelf-life for unopened, properly stored pails are approximately 5 years

### COVERAGES (sf per gallon)

- Precast concrete 300-450
- Porous masonry, exposed aggregate, concrete, brick, block 300-320
- Marble, polished granite, metals, painted surfaces 500-600

### INSTALLATION INSTRUCTIONS

#### EQUIPMENT

The equipment suggested to apply and remove CRYSTAL CLEAR is as follows:

**Airless Sprayer** – providing a minimum of 1500 psi through a tip appropriate for the surface being sprayed.

**Paint Brush** – a poly-foam brush is generally preferred, and is also used to brush out build ups and drips.

**Paint Roller** – a roller suitable for use with water base paints should be used. Rollers should only be used on smooth surfaces or to remove runs from rough textured surfaces.

**Power Generator** – may be needed to provide power to the airless sprayer if not self-powered.

### APPLICATION

CRYSTAL CLEAR may be applied to any vertical painted or unpainted surface including, but not limited to, brick, tile, stone, block, split-face block, stucco, concrete, marble, granite, wood, and metal. See MSDS for suggested protective gear. It is recommended to use all safety precautions when using any product.

### PROCEDURES

Recommended Method of Application:

SPRAY – All rough or textured surfaces such as masonry.

BRUSH & ROLLER – Smooth surfaces such as signs and metals.

- (A) Inspect the surface to ensure that it is clean and dry and that any paint or surface coating is in good condition. If necessary clean the surface of all dirt, grime and oxidized paint and any other loose material. Do Not Apply CRYSTAL CLEAR over flaking paint.

NOTE: If the surface has graffiti on it, this must be removed before CRYSTAL CLEAR coating is applied. Ensure any new paint has adequate time to dry and cure before applying CRYSTAL CLEAR.

NOTE: If the surface paint is flaking or cracked, all loose material must be removed before applying CRYSTAL CLEAR. As a general recommendation, do not coat such a surface.

- (B) Allow the surface to thoroughly dry if it has been cleaned or if it is wet from other causes. Surfaces must be completely dry prior to application.

- (C) To apply the CRYSTAL CLEAR by means of an airless sprayer, hold the spray tip about 8 - 12 inches from the surface and move it horizontally, maintaining the distance from the surface to the limit of arm movement. Roll the wrists at the beginning and end of each stroke so as to provide even entry and exit to the spray area. Operate the spray trigger at the mid-point of the entry roll and release it at the mid-point of the exit roll. The spray gun should be held at right angles to the surface. Start at the upper level of arm extension and do a forward and backward horizontal stroke over the same area.

Move to the bottom of the sprayed area and repeat. Continue to the bottom. Move sideways to the edge of the sprayed area and repeat. Continue until the entire surface is covered.

- (D) Check for runs and areas where too much spray has been applied. These areas will appear to be slightly milky looking. Use the paint brush & spread these areas smooth with the surroundings.

- (E) Check to ensure all vertical grooves, and all nooks and crannies in the surface are properly coated. A vertical spray stroke may be needed in these areas.

NOTE: The speed of the application stroke will be dependent on the absorbency of the surface being coated; slow for absorbent, fast for non-absorbent. The only way of determining the correct speed is by practice and experience. CRYSTAL CLEAR is effective with one single coat, provided that coat is properly applied, with complete coverage achieved. A second coat may be applied.

- (F) Allow the CRYSTAL CLEAR coating to dry. Drying is by evaporation of the water in the coating and will take approximately 3 hours depending on conditions. CRYSTAL CLEAR begins protecting as soon as it is dry.

**WARNING:** CRYSTAL CLEAR should not be applied in a high wind or when it is raining. High humidity will slow drying. Apply above 34°F.

### STORAGE

CRYSTAL CLEAR must not be allowed to freeze. Any material that freezes must be discarded. Containers must be kept closed to prevent evaporation of the water in the material. The material will withstand temperatures up to 140°F, but care should be taken to avoid prolonged exposure to direct sunlight in the summer months. CRYSTAL CLEAR may be stored for up to 60 months without excessive deterioration.

### WARRANTY

10 year material warranty