

VPT

CRYSTAL CLEAR

PERMANENT GRAFFITI BARRIER

TECHNICAL DATA SHEET

GENERAL INFORMATION

CRYSTAL CLEAR is an exclusive 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, precast 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. AND IT WILL NOT TURN YELLOW.

CRYSTAL CLEAR works as a barrier between graffiti and the underlying surface. Graffiti removal is made simple with the use of KICK. CRYSTAL CLEAR will withstand multiple graffiti removals while continuing to protect. We warranty that for ten years....No matter how many graffiti removals.

CRYSTAL CLEAR is a clear, penetrating sealer and water repellent that is formulated to provide durable, long lasting protection.

ADVANTAGES

- ** One Step Application
- ** No Thinning or Mixing
- ** Single coat application
- ** Remains clear
- ** Non yellowing
- ** Moisture prevention
- ** Retards efflorescence
- ** Fast Drying-dries and protects in 24 hours.

COVERAGES (sq. ft. 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 CRYSTAL CLEAR is as follows:

- (A) Airless Sprayer providing a minimum of 1500 psi through a tip appropriate for the surface being sprayed.
- (B) Paint Brush. A poly-foam brush is generally preferred, and is also used to brush out build ups and drips.
- (C) Paint Roller. A roller suitable for use paints should be used. Rollers should only be used on smooth surfaces or to remove runs from rough textured surfaces.
- (D) Power Generator. For providing power to the airless spray.

APPLICATION:

CRYSTAL CLEAR may be applied to any vertical surface, including, but not limited to, brick, tile, stone, block, split face block, stucco, EIFS, concrete, marble, granite, wood, 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, masonry.

BRUSH & ROLLER - Smooth surfaces such as signs, metals.

(A) NOTE: If the surface has graffiti on it, this must be removed before CRYSTAL CLEAR coating is applied. Product is sensitive to humidity and moisture.

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 totally dry, if it has been cleaned, or if it is wet from other causes. The surface must be completely dry.

(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 either horizontally or vertically (depending on surface textures), 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 all the surface is covered.

(D) Check for runs and areas where too much spray has been applied. Use the paint brush to spread these areas smooth with the surroundings.

NOTE: MORE IS NOT BETTER ! A heavier application is wasteful.

(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.

(F) CRYSTAL CLEAR may be applied by brush or roller. This is recommended only on smooth surfaces such as signs or metals. On textured, rough surfaces, masonry surfaces spray is recommended.

(G) Allow the CRYSTAL CLEAR coating to dry. Drying is by evaporation of the carrier in the coating and may take from 3 hours depending on conditions. CRYSTAL CLEAR begins protecting as soon as it is dry.

(H) Clean all equipment with solvent before it is permitted to dry.

Warning: CRYSTAL CLEAR should not be applied in a high wind, when it is raining. High humidity will affect product.

VISUAL POLLUTION TECHNOLOGIES, INC.

P.O. BOX 12833 * SCOTTSDALE, AZ 85267 * Tel: 480-657-9183 * Fax: 480-767-2796 * Toll Free: 888-887-8347 Email: Vispol@Aol.

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