

K A U F M A N

PRODUCT
INFORMATION

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Krystal 25

Description

Krystal 25 is our highest quality non- yellowing curing and sealing compound. It contains increased amounts of acrylic modified styrene-acrylate copolymer solids for better sealing of the concrete surface from stains and provides a more dustproofed slab. It assures total resistance to yellowing from ultra violet exposure. It is classified as non-yellowing according to the new ASTM C-1315 specification.

Uses

This tough copolymer concrete treatment is designed for exterior and interior applications, above and below grade. Easily applied, Krystal 25 provides a premium performance, long lasting shine to the floors. It is compatible with conventional carpet and resilient flooring adhesives. It is recommended for curing, hardening, dustproofing and sealing of both new and old concrete surfaces. Recommended as a curing compound sealer for exposed aggregate concrete. By changing the reflective index of the natural aggregates, the colors come to life. Gray aggregates appear black and weak colors appear stronger. This product also serves to keep the white or light colored cement matrix clean.

Compliances

ASTM C-309, Type I, Class A & B
ASTM C-1315, Type I, Class A
AASHTO M-148, Type I
Fed. Spec. TTC-800A, Type I

Technical @75°F

NVM	25% min.
Viscosity	~60 cps.
Dry Time	<1 hour
VOC Content	<350 g/L
UV degradation	passes
Moisture Loss	<0.30 g/L
Appearance	Water clear
Color	1 Gardner
Adhesion, ASTM D 4541	passes
Alkali & Acid Resistance	passes

Packaging

55 gal. drums (208 liters)
5 gal. pails (18.9 liters)

Directions

Fresh Concrete – Krystal 25 should be applied within 1-2 hours after completion of the finishing operation or as soon as possible after surface water has disappeared. Coat surface uniformly, leaving no pinholes or gaps, at a coverage rate of 300 - 400 sq. ft. per gallon for the first coat. Apply with hand sprayers equipped with nozzles specifically designed for high solids curing compounds, such as Chapin nozzle 1-5937 or equal. Apply as soon as the surface is sufficiently hard, so that it will not be marred. Do not puddle. If using a power sprayer, we recommend Kaufman Products Power Sprayer, because it was specifically designed for quick and even applications of high solids emulsion and oil thinned cures/sealers.

Apply second coat at 400-450 sq. ft. per gallon , after previous coat has dried at least overnight. Be sure both coats are dry and hard before opening slabs to traffic. Aged Concrete - Remove all foreign matter. Apply as described above, however coverage rate may vary from 400-500 sq. ft. per gallon depending on texture and porosity of surface.

Notes

Clean equipment with SAC. Do not thin. Do not apply to surfaces meant to receive a cementitious topping. Use with adequate ventilation and keep away from open flames. Block all HVAC ducts which may distribute solvent odor. If solvent odor is objectionable, use Krystal 25 Emulsion. Read Material Safety Data before using. This is an industrial product. It is not offered for residential or consumer use.

For more complete instructions, please refer to *“Recommended Field Procedures for Curing & Sealing Compounds.”*

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