

K A U F M A N

PRODUCT
INFORMATION

KAUFMAN
PRODUCTS
INC.

3811 CURTIS
AVENUE

BALTIMORE,
MARYLAND
21226-1131

410-354-8600
800-637-6372
www.kaufmanproducts.net

Krystal 25 OTC

Description

Krystal OTC 25 is our high quality non- yellowing curing and sealing compound. This acrylic based sealer offers better sealing of the concrete surface from stains and provides a more dustproofed slab. It assures excellent resistance to yellowing from ultra violet exposure and is classified as non-yellowing according to the new ASTM C-1315 specification. It is especially formulated to comply with AIM VOC regulations in the OTC region for concrete curing compounds.

Uses

This tough copolymer concrete treatment is designed for exterior and interior applications, above and below grade. Easily applied, Krystal 25 OTC provides a premium performance, long lasting shine to the floors. It is compatible with conventional carpet and resilient flooring adhesives. Krystal 25 OTC is recommended for curing, hardening, dustproofing and sealing of both new and old concrete surfaces and as a curing & sealing compound for stamped concrete, exposed aggregate, slate, stone, brick and concrete pavers to enhance the color for a richer appearance. Krystal 25 OTC is also an excellent product for use on concrete driveways, sidewalks and patios. It provides protection against the damaging effects of traffic, weather and de-icing salts while still allowing the concrete to breath.

Packaging

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

Directions

Fresh Concrete – Krystal 25 OTC should be applied within 1-2 hours after completion of the finishing operation or as soon as possible after surface water has disappeared. If applying to new stamped concrete, the surface must be free of all release agent residue. Coat surface uniformly, leaving no pinholes or gaps, at a coverage rate of 300 sq. ft. per gallon for the first coat. Apply with hand sprayers equipped with viton O rings and fittings and nozzles specifically designed for high solids curing compounds, such as Chapin nozzle 1-5937 or equal. Common garden type sprayers should not be used.

Apply as soon as the surface is sufficiently hard, so that it will not be marred. Do not puddle. If using a roller, use a ¼” nap that is solvent resistant. Keep the roller wet and keep a wet edge while applying to avoid lap marks. Excessive rolling will cause bubbles. Apply second coat at 400 sq. ft. per gallon after previous coat has dried completely. Be sure both coats are dry and hard before opening slabs to traffic. Best results are achieved with 2 thin coats. 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.

Physical Characteristics @ 75° F, 50% RH

Color	Clear
NVM	25%
Viscosity	40-90 cps
Specific Gravity	1.01
Dry Time	<30 minutes
Recoat Time	2-24 hours
Foot Traffic	1 hour
Wheel Traffic	10-12 hours
VOC Content	< 350 g/L
Moisture Loss	<0.30 kg/m ²
	ASTM C156
Flash Point	40° F FLAMMABLE
Shelf Life	1 year in unopened container

Krystal 25 OTC dries extremely fast. While spraying, keep the tip within 6” of the concrete surface. Using this product in hot weather, direct sunlight or on windy days can cause bubbling. The best time to apply this product is on a cool, overcast day when the temperature is 50-80°F, and not expected to rise above 85°F during application and drying time. The applicator should not wave the sprayer nozzle around at waist level. This can lead to flash drying of the product before it even hits the ground.

Compliances

ASTM C1315, Type 1, Class A
ASTM C-309, Type I, Class A & B

This product can be roller-applied, although a more even application is accomplished by spraying on the product then immediately back rolling over the applied area to re-distribute any heavy or puddles spots. Back rolling must be done immediately behind the spray application. Do not attempt to overwork the roller as this can cause bubbling, stringing and roller nap pull-out.

Residential or consumer use. Notes

Clean equipment with SAC. Do not thin. This product will not freeze, however bring the temperature of the product up to at least 60°F. Heavy applications can lead to improper drying, bubbling and discoloration. Do not apply to surfaces meant to receive a cementitious topping. This product is highly flammable. Use with adequate ventilation and keep away from open sparks and flames. **Do not smoke while applying this product.** Block all HVAC ducts, which may distribute solvent odor. If solvent odor or the fast dry time is objectionable, try using Krystal 25 Emulsion, Krystal 25 Emulsion EF, or our special Krystal 25 OTC with Oxsol 100 ®. Read Material Safety Data before using. This is an industrial product. It is not offered for residential or consumer use.

When Krystal 25 OTC is applied to porous surfaces (and particularly unevenly porous surfaces), such as flagstone, slate, terrazzo, or old concrete, the product will penetrate unevenly. The uneven penetration of the product may lead to an uneven or blotchy finish.

AIM rules do not allow thinning of this product. For more complete instructions, please refer to *“Recommended Field Procedures for Curing & Sealing Compounds.”*