

WATER BASED DISSIPATING CURING COMPOUND

Item No. TK-2519 DC WB (clear),
TK-2519 DC WB/TK-RED DYE WB (translucent red)

PRODUCT DESCRIPTION

TK-2519 DC WB DISSIPATING CURING COMPOUND is a 100% hydrocarbon resin, water base curing compound for fresh concrete. Designed to adhere to freshly placed concrete and enhance its overall strength, TK-2519 DC WB provides excellent curing properties and moisture retention for maximum surface density and hardness. Over time, TK-2519 DC WB DISSIPATING CURING COMPOUND naturally wears away from the surface to prepare concrete for coating with a multitude of protective and/or decorative topcoats and treatments. Available in clear, or translucent red with a fugitive dye additive.

Features:

- Controls moisture loss and aids in complete hydration of the cement during the curing process.
- Results in surfaces with maximum hardness and density.
- Becomes brittle within weeks of application (typically < 8 weeks under normal traffic conditions) and naturally deteriorates from the surface to leave it prepared for subsequent concrete coatings and treatments.

USES:

Suitable for exterior use on any freshly placed concrete surface where superior curing qualities are desired.

May also be used on interior surfaces, however, mechanical means may be required in order for the product to dissipate in a timely manner when used indoors.

APPLICATION PROCEDURES:

MIXING:

The material must be mixed prior to use. Do not thin with solvents as it is unlawful to further reduce with non-exempt solvents.

Mixing with Fugitive Dye Additive:

A) Mix (1) gallon TK-RED DYE WB to (1) 55-gallon drum TK-2519 DC WB DISSIPATING CURING COMPOUND.

B) Mix (1) short filled pint TK-RED DYE WB to (1) 5-gallon pail TK-2519 DC WB DISSIPATING CURING COMPOUND.

APPLICATION:

TK-2519 DC WB DISSIPATING CURING COMPOUND may be applied by sprayer, brush or roller. Do not over-apply as this will inhibit dissipation and will make the product difficult to manually remove. Ambient and substrate temperatures must be at least 40°F and remain above 40°F throughout the entire cure time of the coating.

TK-2519 DC WB DISSIPATING CURING COMPOUND is also available with a red dye additive to aid in uniform application and ease of inspection following application. See mixing instructions above.

TECHNICAL DATA

Composition and Materials:	Hydrocarbon resin in a solvent/ water emulsion
VOC Content:	< 350 g/l
A.I.M. Category:	Concrete Curing Compound Maximum VOC 350 g/l
Specification:	ASTM C309 Type 1, Class A, B and Type 1D with a red dye added.

TESTING DATA

Applicable Standard	ASTM Requirement	Product Performance
ASTM C156: Water Retention	< 0.55 kg/m ²	0.35 kg/m ² @ 200 ft ² /gallon
ASTM C309 (10.3): Drying Time	< 4 hours	13 minutes
ASTM D1309: Long Term Settling Test	> 3 rating	10 rating
ASTM D2369: Solids	NA	18.8%

CLEAN UP:

Clean tools, equipment and spills with soap and water before the material dries.

COVERAGE:

Surface	Coverage
Broomed finishes	200-400 sq.ft./gal
Troweled finishes	
Exterior	300 sq.ft./gal
Interior	400 sq.ft./gal

Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

MAINTENANCE:

On interior surfaces and in areas of light traffic, a power sweeper with stiff bristle brushes, or a buffer with a coarse 3M® pad may be used to remove TK-2519 DC WB DISSIPATING CURING COMPOUND from the surface. A hard brooming and/or washing should precede any further activity.