

K A U F M A N

PRODUCT
INFORMATION

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THINFILM

Description

Thinfilm represents a line of high quality, concrete curing compounds specially designed for highways. These curing compounds form a thin membrane when sprayed or brushed on freshly finished concrete surfaces. This membrane keeps 95% or more of the gauging water in concrete for three days, and affords maximum curing with a minimum expenditure for labor and materials. Thinfilm compounds are specially formulated to meet specific state highway specifications.

Kaufman Products now further develops these products by emulsifying them into a low VOC formula for a safer atmosphere. The inherent dangers of the old method of using flammable paint thinners is no longer necessary, Emulsified clear Thinfilm's come with their own unique white temporary dye, to assure even coverage without missed spots. Within a short time after application, the white color disappears and leaves the film completely clear. If desired, a red fugitive dye can also be added. White pigmented Thinfilm's contain pure titanium dioxide pigment to reflect the heat of the sun. Due to the unique emulsification process, Kaufman Products white-pigmented cures do not settle and hard pack. Instead they softly layer for easy re-mixing with air hoses.

Uses

Thinfilm can be used on curbs and gutters, sidewalks, driveways and runways.

Coverage

Specification work 150-200 ft²/gal (14-18.5 m²/gl.)

Non-specification work 200-400 ft²/gal. (18.5 - 37 m²/gl.)

Packaging

18,923 Liters	(5,000 gallon bulk)
1,040 Liters	(275 gallon tote)
208.15 Liters	(55 gallon drum)
18.93 Liters	(5 gallon pail)

VOC Meets applicable VOC requirements

Clear

Thinfilm 420 Resin Base VOC 116 g/Liter	ASTM C-309, Type 1 or 1D, A & B AASHTO M-148, Type 1 or 1D,A & B
Thinfilm 422 Wax Base VOC 0 g/Liter	ASTM C-309, Type I or I D, Class A AASHTO-148, Type I, Class A States of GA, IL, KY, OH, SC, TN
Thinfilm 424 High Solids Wax Wax Based Voc 0 g/Liter	ASTM C-309 Type 1 or 1D, Class A AASHTO M-148, State of Virginia Corps of Engineers CRD C-300

White Pigmented

Thinfilm 445 Wax Base VOC 3.1 g/Liter	ASTM C-309, Type II, Class A AASHTO M-148 States of DE, IN, KY, MD, NC, PA, SC, GA, TN FAA Approved
Thinfilm 446 High Solids Wax Base VOC 3.1 g/Liter	ASTM C-309, Type II, Class A AASHTO M-148, Type II, Class A Corps of Engineers CRD C-300 State of Virginia
Thinfilm 448 High Solids Resin Base VOC 178 g/Liter	ASTM C-309, Type II, Class A & B AASHTO M-148, Type II, Class A&B State of NY
Thinfilm 450 Resin Base VOC 210 g/Liter	ASTM C-309, Type II, Class A & B AASHTO M-148, Type II Most States FAA Approved
Thinfilm 453 High Solids Resin Base VOC 226 g/Liter	High Solids Resin Based ASTM C-309, Type II, Class A & B Corps of Engineers CRD C-300

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LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.

Directions

Stir well before using. If allowed to stand for a while, re-stir. Thinfilm should be spray applied or rolled on concrete surfaces after completion of the finishing operations and the disappearance of the surface moisture. Surface should be coated uniformly, avoiding pinholes, gaps or puddles.

Precautions

Clear or white pigmented Thinfilm curing compounds should not be used on concrete where secondary flooring or surface treatment is to be applied; in such cases, use SureCure. Thinfilm clear curing Compounds leave a slight yellow film that will darken with sunlight.

Wax based curing compounds are ruined if allowed to freeze or handled by high-speed pumps or agitators. They should only be handled by using a type of diaphragm air pump or a positive displacement pump with 500 rpm or less. On "broom & cure" machines, insert a bypass valve to prevent constant recycling of cure into tank.

Resin based Thinfilm products are freeze/thaw stable. If allowed to freeze, thaw thoroughly before use. If using in the wintertime, bring product inside a day before use to thaw out.

If stored for extended periods, agitate gently before use. Do not use for further curing of surfaces that have received form oils or release agents, unless the surface is dressed. Clean equipment with EasiKleen EM for resin based versions and K Pro CD for all wax based versions. These products soften sprayer or pump parts made of Buna N. Do not roll or brush on concrete containing calcium chloride. We recommend using parts made from either Teflon or Viton. Read Material Safety Data before using.

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