



TECHNICAL DATA SHEET

HORNCURE WB 30 (C and D) Waterbased Membrane Forming Curing Compound

03390

CONCRETE CURING
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TAMMS INDUSTRIES
JANUARY 2000 (Replaces 5/99)

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- DESCRIPTION:** HORNCURE WB 30 is a water-based membrane forming concrete curing compound. It facilitates proper hydration of the concrete, then begins to degrade approximately 4 weeks after application. HORNCURE WB 30C is milky white when applied and dries to a light amber color. HORNCURE WB 30D contains a fugitive dye which disappears when exposed to sunlight. HORNCURE WB 30 (C and D) will eventually wear off the surface after the concrete curing cycle is complete. Complete degradation usually requires 7-8 weeks in sunlight and under normal traffic conditions. If the concrete is protected and receives light traffic, dissipation time may be substantially longer.
- USES AND ADVANTAGES:**
 - VOC Compliant (National AIM Regulations)
 - Economical and convenient
 - Allows for complete development of concrete's wear resistance and strength properties.
 - Low moisture transmission rates
 - Easy clean up when wet
 - Non-combustible
- COMPLIANCE:** HORNCURE WB 30 (C and D) are formulated to comply with
ASTM C-309 Type I, Class A & B and
AASHTO M-148.
- SURFACE PREPARATION:** Use on freshly placed concrete as soon as possible after the concrete receives the final finishing, just as the water sheen disappears.
- MIXING INSTRUCTIONS:** Thoroughly mix at slow speeds before use to ensure best results and ease of application.
- APPLICATION TECHNIQUES:** HORNCURE WB 30 can be applied with brush roller or standard spray equipment. Small, hand operated units are adequate for small area applications, while power sprayers are recommended for mass concrete. When applying, coat uniformly and leave no gaps.
- COVERAGE:** HORNCURE WB 30 has a coverage rate of approximately 200 square feet per gallon. Coverage rates may vary because of surface finish and application technique.
- CLEAN-UP INSTRUCTIONS:** Use water and detergent to clean spills while wet. Mechanical abrasion or high pressure power washing will be required for removal after drying.
- PACKAGING:** 5 gal. pails and 55 gal. drums.
Storage: Keep from freezing.
Shelf Life: 1 year in unopened containers.
Freight Class: Class 55.
- CAUTIONS:** Do not apply HORNCURE WB 30 to frozen or frosted surfaces, or when the temperature is expected to fall below 40°F within 24 hours. Protect from freezing. Do not dilute as the product is supplied at the proper consistency. Dilution will reduce curing efficiency. HORNCURE WB 30 will impart a slight amber color to concrete. The color will dissipate as the membrane deteriorates over time. Apply a small test area on white or colored concrete to ensure the color will be acceptable. Concrete frequently has paint, resilient flooring, or other toppings applied after the curing cycle is complete. In most cases complete removal of HORNCURE WB 30 will be required before application of the topping. Check with the secondary topping supplier to ensure compatibility before application.

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11. **ENVIRONMENTAL AND SAFETY PRECAUTIONS: Industrial Use Only.** Provide adequate ventilation. Goggles or face shield and impervious gloves are recommended. Can be irritating to the eyes and skin. In case of eye contact, flood eyes repeatedly with water and call a physician immediately. **DO NOT RUB EYES!** Wash hands thoroughly with soap and water after handling or before smoking or eating. Do not take internally. If ingested, give water or milk and call a physician immediately. **KEEP AWAY FROM CHILDREN AND ANIMALS.** Consult Material Safety Data Sheet for further information. **EMERGENCY RESPONSE PHONE NUMBER: (800) 862-2667 TAMMS OR (800) 424-9300 CHEMTREC.**

12. **TECHNICAL SERVICE:** For application procedures or surface conditions not specified above, please contact:

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www.tamms.com

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