



## TECHNICAL DATA SHEET

# HORNCURE® 500W

## Wax-Base Concrete Curing Compound

03390

CONCRETE CURING  
CONCRETE

TAMMS INDUSTRIES  
MARCH 2002

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- DESCRIPTION:** HORNCURE 500W is a water-based, wax-base concrete curing compound that, when properly applied, provides excellent water retention to facilitate proper hydration of concrete. HORNCURE 500W contains a white pigment that reflects the sun's rays to cool the concrete and prevent excessive heat build-up.
- 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
  - Applies easily and quickly with conventional spray equipment
  - Reduces plastic shrinkage cracks, thermal cracking and dusting
  - Reflects sun's rays to cool concrete surface
  - Ideal for exterior horizontal surfaces such as highways, airports, street and curb paving.
- COMPLIANCE:** HORNCURE 500W is formulated to comply with:
  - ASTM C-309, Type II, Class A
  - AASHTO M 148, Type II Class A
- 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. Do not mix excessively to avoid foaming.
- APPLICATION TECHNIQUES:** HORNCURE 500W can be applied with brush, roller or standard spray equipment. Small, hand operated units are adequate for small applications, while power sprayers are recommended for mass concrete. When applying, coat uniformly with no gaps.
- COVERAGE:** HORNCURE 500W 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 use on surfaces that are to be painted, tiled, hardened, sealed or treated in any manner. Do not apply when the temperature of the concrete is less than 40°F. Do not apply HORNCURE 500W 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. Do not mix with any compounds containing solvent.
- 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.

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

TAMMS INDUSTRIES  
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