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NO. 1610

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(Supersedes November 2017)

1610-WHITE

Water-Based, Wax-Based Concrete Curing Compound

DESCRIPTION

1610-WHITE water-based, wax-based concrete curing compound, when properly applied, provides a premium-grade film, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat buildup.

USES

1610-WHITE is ideal for application on exterior, horizontal surfaces, such as highways, airports and street and curb paving. The product provides excellent curing properties when protection from the sun's heat is desired.

FEATURES/BENEFITS

- When properly applied, provides a premium-grade film, which optimizes water retention.
- Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat buildup, which can cause thermal cracking.
- Furnished as a ready-to-use, true water-based compound.
- Produces hard, dense concrete ... minimizes hair-checking, thermal cracking, dusting, and other defects.
- Offers a compressive strength significantly greater than improperly cured or uncured concrete.
- Improves tensile strength for greater resistance to cracking and surface crazing.
- Minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment.
- VOC compliant.

PACKAGING

5 Gallon (18.9 L) Pails
55 Gallon (208.2 L) Drums
275 Gallon (1041 L) Totes

COVERAGE

Approximately 200 ft.²/gal. (4.91 m²/L). Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F, optimum performance and best use is obtained within one year of date of manufacture.

SPECIFICATIONS

- ASTM C309, Type 2, Class A
- AASHTO M 148, Type 2, Class A
- Arkansas AHTD QPL 501.037 Curing Compounds
- Colorado DOT: Section 711.01
- Kansas DOT: Section 1405
- Louisiana DOT: Section 1011.01.1
- Missouri DOT: Section 1055.2
- Texas TxDOT DMS-4650
- West Virginia DOT: Section 707.9
- Indiana DOT: Section 912.01(e)
- Complies with all current federal, state, and local maximum allowable VOC requirements, including National AIM, LADCO, and OTC Phase I and II.

TECHNICAL DATA

VOC Content: 55 g/L

APPLICATION

Mixing ... Any settlement can be re-dispersed with gentle agitation prior to use. **CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.**

CONTINUED ON REVERSE SIDE ...

Application Method ... Application equipment must be clean and free of any previously used materials. Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from horizontal concrete surfaces. Use a sprayer, such as Chapin 1949, and a spray nozzle that produces a flow of 0.5 GPM under 40 psi of pressure. Do not allow spray nozzle to drip.

Drying Time ... Approximately two hours. Restrict foot traffic for at least four hours.

Cleanup ... Prior to drying, equipment may be easily cleaned with soap and water. Once dried, use mineral spirits or other suitable petroleum distillate.

PRECAUTIONS

KEEP FROM FREEZING. Do not apply when the temperature of the concrete is less than 40° F (4.4° C). DO NOT MIX WITH COMPOUNDS CONTAINING SOLVENT. DO NOT ADD OR DILUTE WITH ANY OTHER COMPOUND. Do not use on surfaces that are later to be painted, tiled, hardened, sealed, or treated in any manner. Do not use on patios, sidewalks, or other areas where there is typically no wheel traffic to abrade the white film surface. Not recommended for use on residential driveways.

HEALTH AND SAFETY

Direct contact may result in mild irritation. Refer to Safety Data Sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:

- EQc2: Low-Emitting Materials [For Healthcare and Schools (exterior-applied products) ONLY]

For most current data sheet, further LEED



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

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