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AUGUST 2024
(Supersedes August 2016)

1600-WHITE

Water-Based, Wax-Based Concrete Curing Compound

DESCRIPTION

The 1600-WHITE series of water-based, white-pigmented concrete curing compounds are wax-based dispersions with selected white pigments. When properly applied, 1600-WHITE forms a premium-grade membrane, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and prevent excessive heat buildup.

USES

1600-WHITE is ideal for application on exterior, horizontal surfaces, such as highways, airports, and street and curb paving. 1600-WHITE is not recommended for residential applications. The product provides optimum curing 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 or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves resistance to the abrasion and corrosive actions of salts and chemicals ... minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment.
- VOC compliant.

PACKAGING

5 Gallon (18.93 L) Pails
55 Gallon (208.20 L) Drums

COVERAGE

Approximately 200 ft.²/gal. (4.91 m²/L). Coverage rates may have to be adjusted in windy conditions.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within two years of date of manufacture.

SPECIFICATIONS/STANDARDS

- ASTM C309, Type 2, Class A
- AASHTO M 148, Type 2, Class A
- FAA Spec. Item P-610-2.11 (e)
- Complies with all current federal, state, and local maximum allowable VOC requirements, including CARB, Arizona Maricopa County, Colorado AIM, OTC Phase I and II, Utah Department of Environmental Quality, U.S. EPA, and SCAQMD

TECHNICAL DATA

VOC Content: 59 g/L

APPLICATION

Surface Preparation... Application equipment must be clean and free of any previously used materials.

Mixing... Any settling or separation in the container must be re-dispersed with gentle agitation prior to use. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY. DO NOT THIN.

Application Method... Spray on in one even coat with a hand or power sprayer, such as a Chapin 1949, as soon as the surface water disappears from concrete surface. Use a spray nozzle that produces a flow of 0.5 GPM (1.89 LPM) under 40 psi (.276 MPa) of pressure.

Drying Time... Typically dries in two hours, depending on jobsite conditions (temperature, wind, etc.). Restrict foot traffic for at least four hours.

CONTINUED ON REVERSE SIDE ...

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Cleanup... Immediately clean tools, equipment and overspray with soap and warm water.

PRECAUTIONS

KEEP FROM FREEZING. Do not apply when the temperature of the air and/or the concrete is less than 40° F (4° C). DO NOT MIX OR DILUTE WITH ANY OTHER PRODUCTS OR LIQUIDS. 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 applications.

HEALTH AND SAFETY

Direct contact may result in mild irritation. Read and follow all application, label, precautions, and health and safety information prior to use. Refer to Safety Data Sheet for complete health and safety information.

For most current data sheet, sustainability information, and SDS, visit www.wrmeadows.com.



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.

Disclaimer

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