

MISCELLANEOUS

Master Format #: 03 35 00



EUCLID CHEMICAL

EUCOBAR RTU

READY-TO-USE EVAPORATION RETARDANT AND FINISHING AID

PACKAGING

5 gal (18.9 L) pail
Code: 028A 05
55 gal (208 L) drum
Code: 028A 55

CLEAN UP

Clean spray equipment with soap and water.

SHELF LIFE

1 year in original, unopened package

DESCRIPTION

EUCOBAR RTU is a ready-to-use evaporation retardant and finishing aid for use on concrete surfaces of all types. When sprayed over fresh concrete, EUCOBAR RTU forms a monomolecular film that prevents rapid moisture loss from the concrete surface. EUCOBAR RTU is especially effective when concreting operations must be performed in direct sun, wind, high temperatures, or low relative humidity. EUCOBAR RTU is supplied pre-diluted, and does not require the addition of water before using.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Holds in surface moisture on concrete floors, slabs, and repairs
- Helps prevent plastic shrinkage cracking
- Easy and economical to use
- Helps eliminate crusting caused by loss of surface moisture
- Water based for total compatibility with fresh concrete
- Excellent for both interior and exterior concrete projects
- Will not affect adhesion of curing compound or other treatments

PRIMARY APPLICATIONS

- Floors
- Pavements
- Concrete toppings
- Vertical/overhead repairs
- Dry shake floors including all SURFLEX and EUCCO-PLATE formulations
- Specialty iron toppings
- Parking decks and ramps

APPEARANCE

EUCOBAR RTU is a light pink liquid. The use of EUCOBAR RTU will not affect the color of concrete.

COVERAGE

EUCOBAR RTU will cover approximately 200 to 400 ft²/gal (5 to 10 m²/L).

Coverage will vary depending on concrete texture and environmental (temperature, humidity, wind) conditions.

TECHNICAL INFORMATION

EUCOBAR RTU is a pre-diluted water based polymer.

Evaporation rate is a function of relative humidity, concrete temperature, air temperature and wind velocity. Plastic shrinkage cracking is a strong possibility when the rate of evaporation exceeds 0.2 lb/ft²/hr (1.0 kg/m²/hr). The chart on the back of this page (Fig. 2.1.5 of ACI 305, Hot Weather Concreting) is useful in determining the evaporation rate under a given set of jobsite conditions. Use EUCOBAR RTU when the above limit is exceeded.

DIRECTIONS FOR USE

Surface Preparation: EUCOBAR RTU is applied directly to the surface of fresh concrete. No surface preparation is necessary.

Mixing: Gently stir EUCOBAR RTU before using. No dilution with water is necessary.

Placement: Apply using a tank type, hand pump sprayer capable of spraying in a fine mist. Use a slotted tip for the best spray. Spray EUCOBAR RTU over the fresh concrete surface as soon as possible after floating. A pink, translucent sheen will appear as the surface is treated. On extreme drying conditions, additional applications may be given as needed. When used on floors with dry shake hardener applications, EUCOBAR RTU may be used on the fresh concrete as well as between each shake application.

Curing & Sealing: EUCOBAR RTU is not a curing compound. Proper curing procedures are important to ensure the durability and quality of concrete. To prevent surface cracking, cure flatwork with a high solids cure and seal or other industry-approved curing method.

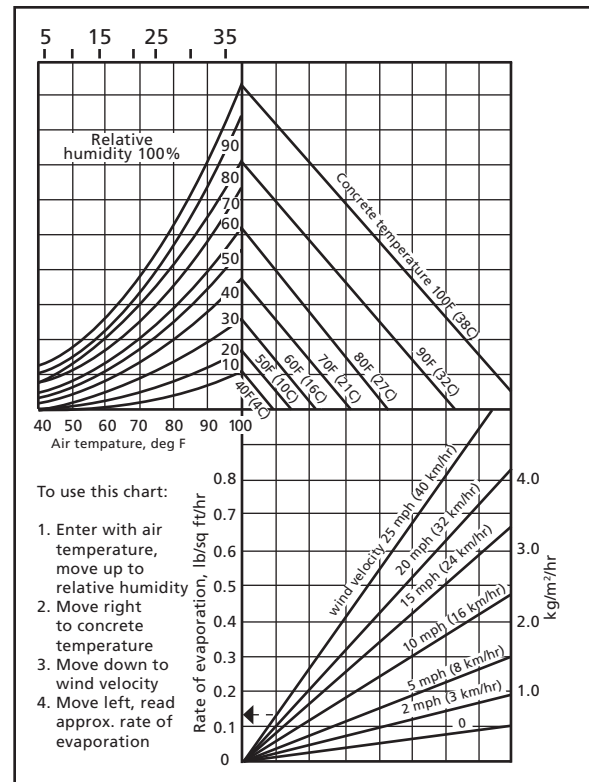


Fig. 2.1.5, ACI 305, Hot Weather Concreting

PRECAUTIONS/LIMITATIONS

- This product is not a surface retarder for doing exposed aggregate concrete.
- Do not apply Eucobar RTU as a final finishing aid.
- Do not immediately work Eucobar RTU into the surface of concrete or cementitious repair products.
- Do not use as a curing compound.
- Apply only as a fine spray.
- Do not allow to freeze.
- In all cases, consult the Safety Data Sheet before use.

Rev. 06.22

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