



# THE EUCLID CHEMICAL COMPANY

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# EUCOBAR



## EVAPORATION RETARDANT



**EUCOBAR** is designed to be used as an evaporation retardant on concrete flatwork of all types. When sprayed over fresh concrete, EUCOBAR forms a thin, continuous film which prevents rapid moisture loss from the concrete surface. It is easy to use requiring only the addition of water before spray application. EUCOBAR is especially effective when concreting operations must be performed in direct sun, wind, high temperatures, or low relative humidity.

### PRIMARY APPLICATIONS

- Floors
- Pavements
- Plain concrete toppings
- Dry shake floors including all SURFLEX and EUCO-PLATE formulations
- Specialty iron toppings including SUPEREUCO-TOP
- Parking decks and ramps

### FEATURES/BENEFITS

- Holds in surface moisture on concrete floors, slabs, and pavements
- Helps prevent plastic shrinkage cracking
- Easy and economical to use
- Helps eliminate crusting caused by loss of surface moisture
- Useful as a finishing aid during troweling operations
- Water based for total compatibility with fresh concrete
- Excellent for both interior and exterior flatwork
- Will not effect adhesion of curing compound or other floor treatments

### PACKAGING

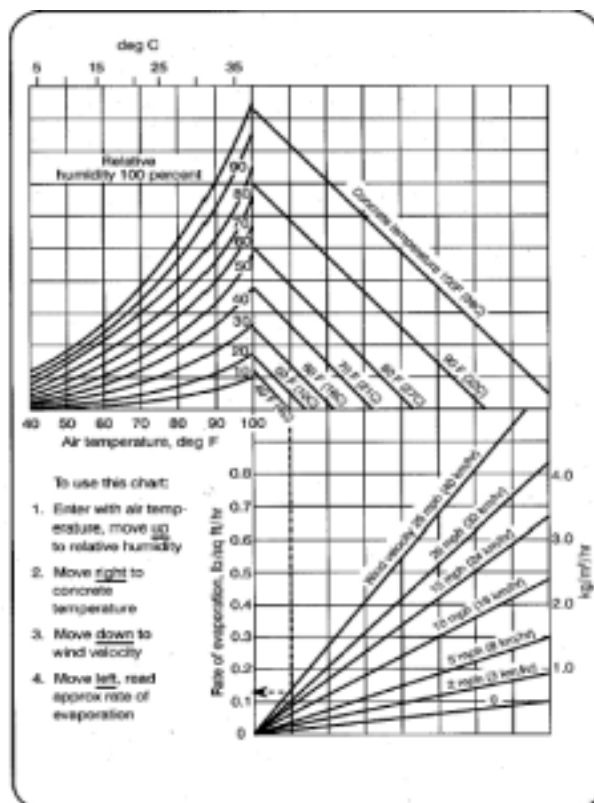
EUCOBAR is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 6/1 gal (3.8 liter) units per case.

### TECHNICAL INFORMATION

Plastic shrinkage cracking is a strong possibility when the rate of evaporation exceeds 0.2 lb/ft<sup>2</sup>/hr (1.0 kg/m<sup>2</sup>/hr). Evaporation rate is a function of relative humidity, concrete temperature, air temperature and wind velocity. The chart below, which is 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 when the above limit is exceeded.

EUCOBAR is a water based polymer concentrate that is readily dilutable in water.

**Shelf Life:** 2 years in original, unopened package.



### Appearance

EUCOBAR is a free flowing pink liquid designed to be mixed with water. The use of EUCOBAR will not affect the color of concrete.

### Coverage

Dilution Rate: 9:1 (water:EUCOBAR)

EUCOBAR (after dilution) will cover approximately 200-400 ft<sup>2</sup>/gal (5-10 m<sup>2</sup>/liter). Coverage will vary depending on concrete texture and wind conditions. For estimating purposes, 1 gal (3.8 liter) of EUCOBAR concentrate will treat 2000-4000 ft<sup>2</sup> (186-372 m<sup>2</sup>) of concrete surface area, but is highly dependent upon ambient conditions.

### DIRECTIONS FOR USE

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

**Mixing**-Determine capacity of sprayer and divide by 10. Add this amount of EUCOBAR to the sprayer canister followed by 9 times that amount of water. For example, if 1 quart (0.95 liter) of EUCOBAR is added, dilute with 9 quarts (8.5 liter) of water. Mix or shake until thoroughly blended.

EUCOBAR is supplied as a concentrate and must be diluted with water at a 9:1 (water:EUCOBAR) ratio.

**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 over the fresh concrete surface as soon as possible after bullfloating. 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 may be used on the fresh concrete as well as between each shake application.

**Curing & Sealing**-Proper curing procedures are important to ensure the durability and quality of concrete. To prevent surface cracking, cure flatwork with a high solids curing compound, such as SUPER AQUA-CURE VOX or SUPER REZ-SEAL.

### CLEAN-UP

Clean spray equipment with soap and water.

### PRECAUTIONS / LIMITATIONS

- Use with proper dilution rate.
- Do not use as a curing compound.
- Apply only as a fine spray.
- Do not allow to freeze.



Eucobar-10.03

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