

# SPECFILM CONCENTRATE

Evaporation Retardant/Finishing Aid Concentrate



## DESCRIPTION

SPECFILM CONCENTRATE is an economical concentrate that, can be diluted with potable water up to a 9 to 1 ratio, providing a very effective evaporation retardant and finishing aid for concrete flatwork. Once diluted and sprayed over fresh concrete, SPECFILM forms a thin, continuous film which prevents rapid moisture loss from the concrete surface. SPECFILM is especially effective when concreting operations must be performed in direct sun, wind, high temperatures, or low relative humidity.

### BENEFITS:

- Significantly reduces plastic shrinkage and cracking caused by evaporation in low humidity, high temperatures and high winds
- Allows use of lower slump and lower water to cement ratio concrete
- Provides smooth and durable concrete flatwork
- Reduces wind crusting, stickiness, and sponginess, which often cause poor and uneven surface texture.
- VOC compliant
- Aids in finishing concrete that produces little or no bleed water, like microsilica concrete mixes or concrete with no air entrainment.

## MIXING INSTRUCTIONS

Agitate SPECFILM CONCENTRATE (red/pink in color) prior to dilution with clean potable water. **Add up to nine parts water to one part SPECFILM CONCENTRATE in a clean container and mix thoroughly. Optimum performance can be achieved with a 5 to 1 ratio dilution.**

## APPLICATION

**Agitate prior to using.** SPECFILM should be spray applied to freshly placed concrete, immediately after screeding and/or between finishing operations as needed to prevent plastic shrinkage. When used as an evaporation retardant during dry-shake hardener applications, one or more applications may be required to prevent premature drying. If necessary, use during and after bull floating and trowelling operations

Once diluted, SPECFILM should be applied under normal weather conditions at the rate of 300-500 sq. ft./gal. As drying conditions or wind become more severe, increase the amount of material used to 250-300 sq. ft./gal.

## STANDARDS

As recommended by ACI 302: "Evaporation Retardant/Monomolecular Film"

## PACKAGING

SPECFILM CONCENTRATE is packaged in 55 gallon drums, 5 gallon pails, and cases of four 1 gallon jugs.

## CLEANING

Application equipment should be cleaned immediately with soap and water.

## SHELF LIFE

Shelf life of SPECFILM CONCENTRATE in the original tightly closed containers is two years from date of manufacture. Do not allow the accumulation of water, dirt, or other contaminants.

## LIMITATIONS

**DO NOT OVER APPLY.** SPECFILM is not a curing compound. Proper curing methods must be used to assure quality concrete. Do not allow SPEC FILM to freeze. Thawed material will not go back into solution.

SPECFILM is most effective when concrete is in the plastic state. Immediately wipe up any SPECFILM spilled on hardened concrete. SPECFILM, if allowed to dry on hardened concrete, may stain and must be removed with an approved solvent.

Product literature provides general information applicable in some conditions. Contact SpecChem technical services for specific application instructions and limitations.

## PRECAUTIONS

### DO NOT CUT OR WELD CONTAINER INDUSTRIAL USE ONLY PROTECT FROM FREEZING

Keep out of reach of children. Do not take internally. Avoid prolonged contact with skin. If swallowed, call a physician. Wear rubber gloves, goggles, and protective clothing. Additional precautions, safety information and first aid are contained in the Material Safety Data Sheet.

## WARRANTY

### NOTICE-READ CAREFULLY CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

**SPEC CHEM**  
Solution to Service

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