TECHNICAL DATA SHEET

SpecFilm RTU

Ready-to-Use Evaporation Retardant

DESCRIPTION

SpecFilm RTU is designed to be used as an evaporation retardant on concrete flatwork of all types. When sprayed over fresh concrete, SpecFilm RTU forms a thin, continuous film that prevents rapid moisture loss from the concrete surface.

SpecFilm RTU 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-cement ratio concrete
- Reduces wind crusting, stickiness and sponginess, which often cause poor and uneven surface texture
- Dyed pink as a visual application aid
- VOC compliant
- Helps minimize surface cracking due to early water loss in silica fume concrete
- Already formulated to an optimum 5:1 dilution for maximum effectiveness
- Aids in finishing repair mortars that produce little or no bleed water, such as microsilica mortars or mixes with no air entrainment

COMPLIANCE/STANDARDS

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

APPLICATION

Agitate prior to using. SpecFilm RTU should be spray-applied to freshly placed concrete immediately after screeding and/or bull floating 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 operations.

SpecFilm RTU should be applied under normal weather conditions at 300–500 sq ft/gal (7.4–12.3 m^2/L). As drying conditions or wind become more severe, increase the application rate to 150–300 sq ft/gal (3.7–7.4 m^2/L). Do not over-apply.

COVERAGE

Use	sq ft/gal	m^2/L
Normal conditions	300–500	7.4–12.3
Severe drying/wind	150–300	3.7–7.4

CLEANING

Clean application equipment immediately with soap and water.

PACKAGING

55-gallon drums (208.2 L)

5-gallon pails (18.9 L)

1-gallon jugs, 4 per case (3.8 L)

SHELF LIFE

Shelf life of SpecFilm RTU in the original, tightly closed container is one year from the date of manufacture. Do

1511 Baltimore Ave, Suite 600
Kansas City, MO 64108

www.SpecChem.com
816-968-5600

not allow the accumulation of water, dirt or other contaminants.

LIMITATIONS

- SpecFilm RTU is not a curing compound. Proper curing methods must be used to ensure quality concrete.
- Do not allow SpecFilm RTU to freeze. Thawed material will not go back into solution.
- SpecFilm RTU is most effective when concrete is in the plastic state.
- Immediately wipe up any SpecFilm RTU spilled on hardened concrete. If allowed to dry on hardened concrete, SpecFilm RTU 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 Safety Data Sheet (SDS).

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.

Revised 09/30/26