

TEC FILM™ Topical Evaporation Control

Technical Data Sheet TEC-0218

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FOR PROFESSIONAL USE ONLY. Read all applicable and current product information for your project: Technical Data Sheet (TDS), Color Chart, Installation Guide, Safety Data Sheet (SDS). All information is available for download online at www.butterfieldcolor.com and at point of purchase.

MasterFormat™ Guide Specifications, and Butterfield Color® Architectural Details and Specifications are available for the specifier/designer. All information is available for download online at www.butterfieldcolor.com and at point of purchase.

1. Description: TEC FILM™ is a water based, orange colored solution that is spray applied on freshly placed concrete. TEC FILM™ creates a temporary monomolecular barrier that impedes moisture evaporation from the concrete surface.

TEC FILM™ is recommended for use in all applications where a superior finish is required on concrete flatwork. TEC FILM™ protects concrete from the effects of excessive moisture loss in rapid drying conditions. Effective in reducing surface cracking at the edges of the grout lines when stamping concrete.

TEC FILM™ reduces plastic shrinkage cracking caused by rapid evaporation due to low humidity, elevated temperatures or brisk winds.

2. Limitations: All technical data stated in this Technical Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

3. Packaging: TEC FILM™ is packaged in both a liquid concentrate and ready to use. **Be sure to check your container to verify which product you are using.**

Concentrate: 3.1 lb. (1,410 gm) unit
Ready To Use: 5 gal. (18.9 L) pail

4. Shelf Life: Two (2) years in unopened original containers, stored in dry conditions between 41°F (5°C) and 86°F (30°C)

5. Coverage: 204-408 sq. ft./gal. (5-10 m²/L) of diluted product.
(See Instructions for Use)

6. Mixing the Concentrate: If using the concentrate, premix the TEC FILM™ by agitation and then dilute the concentrate by thoroughly mixing 1 part TEC FILM™ with 8 parts water. The 3.1 lb. unit is pre-measured to be

added to an Industrial Use Concrete Sprayer filled with 3 gal. (11.4 L) of potable water.

7. Instructions for Use: Mix before use. Apply the ready to use TEC FILM™ with an Industrial Use Concrete Sprayer as soon as possible after initial screeding, floating and edging. The TEC FILM™ will create a thin barrier to hold in moisture during the hydration process. Once the material has been applied, allow some time for the concrete to evenly hydrate. When it is time to finish the concrete further, the barrier of TEC FILM™ will be broken. If needed, re-apply the TEC FILM™ and allow the concrete to sit untouched until the next finishing phase.

8. Clean Up: In case of a spill, collect with absorbent material, ventilate closed areas, and dispose of in accordance with current applicable regulations.

9. Quality Control: Cast a job site sample at least 21 days prior to the installation for approval of color and finish. Utilize all materials, tools, and techniques from the actual job in the mock-up. Consistent batching, pouring, finishing, curing, sealing, and preparation techniques, will ensure the uniformity of architectural concrete. Verify adequate wet and dry slip resistance. Verify maintenance requirements. Site visits by Butterfield Color, Inc. Personnel are for making technical recommendations only and not for supervising or providing quality control.

Protective Measures: Local regulations as well as health and safety advice on packaging labels must be observed. For further information refer to the Safety Data Sheet. All information is available for download online at www.butterfieldcolor.com and at point of purchase. If in doubt always follow the directions given on the pack or label. Residues of materi-

al must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities. Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Safety Data Sheet. All information is available for download online at www.butterfieldcolor.com and at point of purchase.

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