



APPLICATION INSTRUCTIONS

TREMCO™ Sealer 300

UV-Stable Polyaspartic Sealer

1. PURPOSE

- 1.1 The purpose of this document is to establish uniform procedures for application of TREMCO Sealer 300, a polyaspartic top coating.
- 1.2 The techniques involved may require modifications to adjust to jobsite conditions. Consult your Tremco Representative for specific design requirements.

2. SCOPE

- 2.1 This document will provide the necessary instructions for the application of TREMCO Sealer 300 to qualify for the manufacturer's warranty. Tremco recognizes that site-specific conditions, weather patterns, contractor preferences, and system detailing may require deviation or alteration from these prescribed installation procedures. When such circumstances and situations exist on a project, Tremco recommends that the local Tremco Sales Representative or Technical Services be contacted for assistance and approval as required.

3. POSSIBLE SYSTEM COMPONENTS

- TREMCO Sealer 300 Part A: Pre-measured Unit (0.64 gal)
- TREMCO Sealer 300 Part B: Pre-measured Unit (0.36 gal)
- A standard TREMCO Sealer 300 Kit includes one TREMCO Sealer 300 Part A (0.64 gal) and one TREMCO Sealer 300 Part B (0.36 gal). **Do not split or break units.**
 - a. This unit covers approximately 100-300 sq ft @ 5-15 mils WFT

4. STORAGE

- 4.1 Tremco recommends TREMCO Sealer 300 components are stored in a cool, dry area away between 50°F (10°C) and 75°F (24°C), away from open flames, sparks, and other hazards. Excessive heat may cause premature gelling and reduce working time and shelf life.
- 4.2 Keep products sealed until the product is ready to be applied.
- 4.3 Protect all components from weather or moisture.
- 4.4 Unopened components are stable for 6 months when properly stored.

5. SUBSTRATE PREPARATION

- 5.1 Remove excess of sand or flake over the surface.
- 5.2 Make sure the surface is clean without any dust or debris that can interfere with system adherence.

6. PRIMER

- 6.1 No primer required for TREMCO Sealer 300 application over TREMfloor™ UC broadcast systems.

7. MIXING PROCEDURE

- 7.1 Mix station should be close to the installation area.
- 7.2 Using a low-speed drill and Jiffy blade, mix Part A separately for approximately 1 minute before adding Part B.
- 7.3 Add the correct amount of Part B to Part A. Using a low-speed drill and Jiffy blade, mix thoroughly for 2-3 minutes to achieve a uniform consistency.

8. APPLICATION PROCEDURE

- 8.1 Immediately after mixing, pour all the material onto the floor to dissipate the heat. Sealer 300 is exothermic, generating a large amount of heat when initially mixed. A large mass of material can ignite. Pour the entire batch onto the floor in a 4" to 6" ribbon.
- 8.2 Using a notched squeegee spread the material evenly at approximately 10 mils WFT.

- 8.3 Cross roll the material using a 3/8-inch mohair nap roller immediately after the squeegee to ensure there are no puddles. All rolling should be completed within 5 minutes of mix time.
- 8.4 Mix and apply one batch at a time do no mix hardener and resin until batch is ready for immediate application.

9. CLEANING

- 10.1 Clean tools and equipment immediately after use with Xylene, acetone, or denatured alcohol.

10. CURING TIME

- 10.1 TREMCO Sealer 300 is open to foot traffic after 2-4 hours and full traffic after 24 hours. Forklift traffic and full chemical exposure after 7 days. Curing time may vary as cure time is room temperature dependent.

11. MISCELLANEOUS

- 11.1 Pot life of material at 75°F (24°C) 12-15 min. Pot life at 90°F (32°C) 5-10 min.
- 11.2 Temperature should be at least 60°F to achieve the best results during application. The temperature of the substrate should be at least 50°F (10°C) to 100°F (38°C) is recommended.
- 11.3 Relative humidity must not exceed 90%.
- 11.4 The temperature of the substrate should exceed the “dew point” by more than 5°F(3°C) during application and hardening.
- 11.5 To prevent curing problems, thorough and uniform air movement and/or ventilation must be maintained until the system has fully cured.
- 11.6 M.S.D.S: Material Safety Data Sheets must always be read before using products
- 11.7 Sealer 300 is intended for application by experienced, professional personnel. Tremco can supply supervision to help determine that the surface has been properly prepared, the ingredients correctly mixed, and the materials properly and safely applied

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