

# TECH-TALK

## BULLETIN

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Supersedes all previous versions

### Henry 887HS Tropi-Cool® 100% Silicone White Roof Coating – High Solids (HE887HS) Adhesion Test Instructions

#### Overview

The following test applies to Tropi-Cool 100% Silicone Roof Coating only. Apply test areas to verify proper adhesion to the roofing membrane(s) prior to coating the roof.

Tests should be conducted on various areas including, but not limited to, the following: a minimum of three tests in the field of the existing substrate, every 10,000 square feet, areas indicating worn substrates, any change in roofing membrane, existing roofing membranes that were installed in varying phases, shaded areas, and areas indicating ponding water.

#### Products

- Henry 887HS Tropi-Cool® 100% Silicone White Roof Coating – High Solids (HE887HS).
- Henry 296 ElastoTape® (HE296) or Henry 195 Polyester Fabric (HE195).

#### Instructions

**Step 1:** Before coating the roof, use a pressure washer or high pressure nozzle and water hose to wash the roof with a non-filming detergent, such as TSP or TSP substitute. Use appropriate pressure and take caution not to inject water into the roofing substrate. In areas with stubborn dirt, grease, or other contaminants, use a stiff bristle brush or broom to scrub the areas clean with additional water and non-filming detergent. Treat mildew or mold. Give the roof a final rinse to ensure it is free of all detergent or anything else that could affect adhesion. Allow roof to dry completely before application. Using a leaf blower or broom, clear any remaining dust, dirt, debris, and foreign material that may prevent proper adhesion.

**Step 2:** Apply the first coat of Tropi-Cool 100% Silicone Roof Coating at approximately 1.5-gallons per 100 sq. ft. (minimum 11-mils wet) to three (3) test areas. While Tropi-Cool 100% Silicone Roof Coating is still wet, use Henry 296 or Henry 195 Fabric to embed three (3) 1" x 6" strips into each of the wet Tropi-Cool 100% Silicone Roof Coating test areas. Allow 2" of fabric to extend beyond the wet Tropi-Cool 100% Silicone Roof Coating. After embedding the fabric, apply the second coat of Tropi-Cool 100% Silicone Roof Coating at approximately 1.5-gallons per 100 sq. ft. (minimum 11-mils wet) over the fabric to completely cover it. Do not coat the 2" fabric ends. Brush Tropi-Cool 100% Silicone Roof Coating lightly to remove any trapped air.

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**Step 3:** Allow the test areas to cure for a minimum of 72-hours before checking adhesion. When checking adhesion, pull the fabric strips straight up. There must be a minimum of two (2) pounds of “pull strength” for the adhesion to be considered acceptable.

**Step 4:** If lifting the fabric is difficult or if the coating underneath the fabric remains on the roof, there is good adhesion for the application. If little to no effort is required to lift the fabric or if all of the coating pulls up from the roof, there is not sufficient adhesion for the application. If there is not sufficient adhesion, a primer must be used. Please consult Henry Product Support for specific questions regarding application of this product.

## STATEMENT OF RESPONSIBILITY

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product’s suitability for a particular use or application and no warranty as to its accuracy, reliability, or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry Company Tech-Talks are updated on a regular basis; it is the user’s responsibility to obtain and to confirm the most recent version. Information contained in this Tech-Talk may change without notice.

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