



Henry® Roof Restoration Systems

Silicone Adhesion Test Instructions

Overview

The following test applies to Pro-Grade® 988 Silicone Roof Coating only. An adhesion test should be completed prior to installation of roof coating. See Henry® Guide Specifications and Henry® Warranty Program documents for adhesion test requirements by substrate. Confirmation that test results met the minimum requirements must be recorded on the Henry® Warranty Application form and sent to the Henry® Warranty Department.

Tests are required for all areas including, but not limited to, the following: at least two tests in the field of existing roofing membrane, one every 10,000 sq. ft., plus any area of worn roofing such as cracked or abraded surface, etc.; any change in roof membrane substrate; existing roofing membranes that were installed in phases; and any shaded areas or areas indicating ponding water.

Instructions

- Step 1:** Clean the roof. Using a pressure washer or high pressure nozzle on hose, use appropriate pressure to wash the roof with a non-filming detergent, such as TSP or TSP substitute. 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.
- Step 2:** Apply the first coat of Pro-Grade® 988 Silicone Roof Coating at approximately 1-gallon per 100 sq. ft. (15-mils wet) to three test areas. While the Pro-Grade® 988 silicone is still wet, use Henry® 195 or Henry® 196 Polyester Fabric to embed three 1" x 6" strips into each of the wet Pro-Grade® silicone test areas. Allow 2" of fabric to extend beyond the wet Pro-Grade® 988 silicone. After embedding the fabric, apply the second coat of Pro-Grade® 988 silicone at approximately 1-gallon per 100 sq. ft. (15-mils wet) over the fabric to completely cover it. Do not coat the 2" fabric ends. Brush Pro-Grade® 988 silicone lightly to remove any trapped air.
- Step 3:** Allow the test areas to cure at least 72 hours before checking adhesion. When checking adhesion, pull the fabric strips straight up, and measure the pulling force with a hand-held scale. To pass, silicone must not delaminate when pulled with a force of two (2) pounds per lineal inch.
- Step 4:** No primer required upon confirming a minimum adhesion result of two (2) pounds per lineal inch. If there is not sufficient adhesion, Pro-Grade® 941 Primer must be used. Please contact your Henry® sales representative for instructions and product to perform an additional test with Pro-Grade® 941.

For Additional Information Contact:

Henry® Product Support

800-486-1278

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