



# Adhesion Testing Steps

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## General Guidelines

1. Clean the area where the adhesion test will be applied with water and a scrub pad. Allow to dry completely.
2. Apply approximately 15\* wet mils of the coating (silicone or acrylic) with a 2-inch chip brush to the cleaned 6" x 12" area.
3. Immediately embed a 1" by 12" TieTex Polyester fabric strip into the wet coating, leaving approximately 3-4" of the test strip exposed and not embedded in the coating. Tie a knot in the exposed fabric to attach to the fish scale.
4. Immediately apply another approximately 15 wet mils of the coating over the fabric using the chip brush, ensuring no air pockets form in the test strip.
5. Allow the coating to cure for a minimum of 2-3\*\* days.
6. Test the adhesion to the substrate by inserting the fish scale hook into the knot of the test strip and using the fish scale to measure the pull strength.
7. Pull straight up at a 90-degree angle on the scale in a slow and steady manner, recording the scale readings until the fabric comes off the roof substrate.
8. If the test strip completely detaches from the roof with no coating remaining on the surface, it is considered a failure, and other options, such as primers, should be considered.
9. If the coating separates from itself, leaving some coating on the substrate, it is considered a pass. A minimum of 2 lbs per inch of fabric is acceptable.
10. All adhesion tests should be thoroughly documented and photographed for submission to Mule-Hide Technical Department.



*\*Or the required thickness based on manufacturer's specifications.*

*\*\*Lower temperatures will slow the adhesive's cure and may require a longer curing period. Do not allow the test area to freeze during testing. Refer to the product data sheet for further guidelines.*