

PEEL STRENGTH TEST USING SATURATED FABRIC -ROOFPRO

INSTRUCTIONS:

1. Prepare existing substrate or coating as proposed for the project. Follow manufacturers' guidelines on proper surface profile and conditions.
2. **Method (a) Full System Test:** Apply Sikalastic Primer proposed for the project and allow it to cure until tack free. Apply the proposed Sikalastic-600 series resin and while it is wet perform Step 3.
Method (b) Primer Only Test: Apply the proposed Sikalastic Primer and while it is wet perform Step 3.
Note: Sikalastic-600 resins have been tested for adhesion to all Sikalastic Primers. Primer-only testing with thin, low-solids primers should be avoided.
3. Prepare 16" long strips of 6", 3", or 1" wide Sika Flexitape Heavy fabric or tight weave fabric. A 6"-8" length of the fabric strip should be saturated with:
Method (a) Full System Test: Selected Sikalastic-600 resin
Method (b) Primer Only Test: Selected Sikalastic Primer
4. Leave 12" of Sika Flexitape Heavy unsaturated to allow for attachment to the test scale.
Testing Primer Adhesion Only: Allow Primers to cure 48-72 hours before the peel adhesion test.
Testing System: Sikalastic 624 & 621 over a primer, allow to cure for 7 days before the peel adhesion test.
Testing System: Sikalastic 641 Lo-VOC & 644 Lo-VOC over a primer, allow to cure a minimum of 14 days before peel adhesion test.
5. A minimum of three test peel samples are required. Variations in existing coating type/application, a larger project size (greater than 10,000 sf), separate deck areas, etc. are project conditions that may warrant the performance of additional test samples.
6. Create a 1" wide test strip by cutting through each adhered fabric sample and through the existing coating down to the underlying substrate.
Note: Testing with a 3" wide strip of Sika Flexitape Heavy is allowed. See #8 for the minimum required results.
7. Attach a tarp clip to the loose end of each test strip (TEKTON 6268 or equal). Hook a digital scale (RAPALA 50 LB or equal) to the tarp clip. Apply a 180° load until the strip peels off.
Alternate Attachment Method: Tie the unsaturated tag end of the Sika Flexitape Heavy to the scale.
8. **Evaluate the results.** A test result of 8 lbs./linear in. or greater is considered acceptable and the evaluated substrate is a suitable substrate for RoofPro application. If testing using a 3" wide strip of Sika Flexitape Heavy the required 8 lbs./linear in. (8 pli – Pounds Per Lineal Inch) must be multiplied by 3, i.e., 8 X 3 = 24 pounds required on the scale for the minimum 8 pli requirement.
9. **Document the pull test with a video or picture of the scale results with the test strip attached and send it to your local Sika Technical Field Services Representative or Sika Sales Representative.**