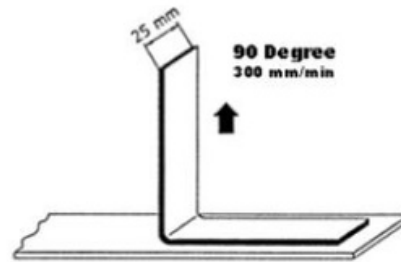
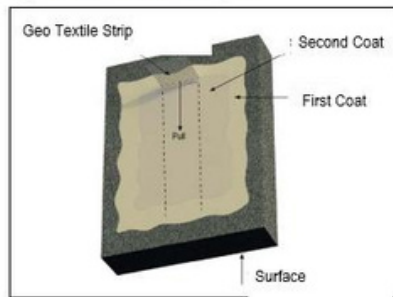




# HOW TO PERFORM AN ADHESION TEST

## 90 DEGREE PEEL ADHESION FIELD TEST

Figure 2: Test Procedure Diagram



An adhesion test is required to understand if an effective bond can be obtained prior to the application of Liquid Rubber Coatings applied to unknown substrate and conditions or existing coatings. Liquid Rubber Multi-Purpose Primer may be an option required to ensure adhesion. Perform the test with and without the Multi-Purpose Primer.

**Step 1.** Clean surface and allow to dry.

**Step 2.** Apply a coat of Multi-Purpose Primer to one side of a strip of Geo-Textile reinforcement fabric (1.0" wide x 10" long [25mm x 254mm]) and to the surface of the substrate. (A strip cut from a J Cloth towel can be also used).

While the coating is wet, imbed the strip into the wet coating with a paint brush. Leave 2"/50mm of test strip uncoated and not imbedded into the Primer. Note: Imbed "fuzzy" side of fabric facing down into the coating. Apply another coat of Primer on top and allow to dry for several hours.

**Step 3.** Apply the Liquid Rubber Coating over the test strip and allow to fully cure for 1 to 2 days (depending on temperature, RH% & airflow).

**Note:** This is an adhesion test only; additional material and/or coats will be required to achieve the final application thickness requirements.

**Step 4.** Test the adhesion of the coating by pulling the uncoated part of the Geo-Textile test strips vertically at a 90° angle to the substrate at a slow, steady rate.

**Step 5.** Inspect and note, if obtained, the % of cohesive failure (percentage of the coating material left/remaining on the surface). The ideal percentage is 80%+ of the coating material remains on the surface.

**Conclusion:** If a substantial amount of the coating remains on the surface and a partial amount of the coating remains on the test strip, a satisfactory cohesive failure has been achieved and effective bonding is confirmed. \*\*If cohesive failure is not achieved, reclean and test another suitable section.

For further information contact Liquid Rubber Technical Service for further instruction @ 1-855-592-1049

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