

Technical Bulletin PEC193

Field Pull Off Adhesion Test Procedure for Pecora XL Perm^{Ultra} VP and XL-Flash Air and Vapor Barrier (ASTM D4541 Modified Non-Destructive)

Tools/Material required:

- 1: Magnet (min. 20 lbs. pull) with eye bolt.
- 2: Scale with carabiner or locking clip (min. 20 lbs. capacity). Ultimate 54 Portable Digital Scale shown: https://www.amazon.com/Ultimate54-Portable-Multifunction-Backlight-Capacity/dp/B017PQFXU8/ref=sr_1_2?ie=UTF8&qid=1483546943&sr=8-2&keywords=Ultimate54
- 3: 1" x 1" steel coupon. Near white blast finish (free all visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products and other foreign matter).
- 4: Pecora XL-Flash Liquid Flashing.

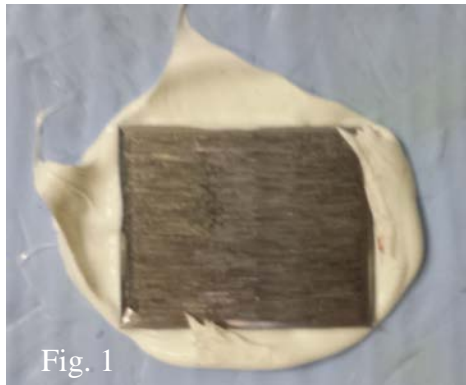


Procedure:

1. Find a 6 in. x 6 in. unobstructed area to perform the adhesion test. Testing should be completed on each type of substrate coated with XL Perm or XL-Flash.
2. Clean the fully cured XL Perm or XL-Flash with a solvent wipe (isopropyl or denatured alcohol preferred) and allow to dry.
3. Apply a small dollop of Pecora XL-Flash to the surface sufficient to fully cover a 1" x 1" area.
4. Apply the 1" x 1" steel coupon firmly into the wet XL-Flash allowing for slight squeeze out ensuring full contact of the XL-Flash to the coupon (approximately .0625" film). See figure 1.



5. Allow the XL-Flash to fully cure (minimum of 24-48 Hrs. Longer cure times may be necessary at temperatures <math><40\text{ }^{\circ}\text{F}</math>).
6. Make razor cuts around the entire perimeter of the steel coupon through the XL-Flash through the XL Flash adhesive and X1 Perm Coating down to sheathing substrate. See figure 2.
7. Attach the magnet centered on the coupon and pull at 90 degrees. Observe the reading. See figure 3.
7. When a passing reading of ≥ 16 psi (per AAMA requirements) is indicated cease pulling on the fixture.



Once testing is concluded removal of the coupon is not necessary. Seal the edges of the coupon with XL-Flash, Pecora AVB Silicone, or a detail coat of XL Perm Coating.

