

Technical Bulletin #195
Self-Adhered Membrane Compatibility & Guidelines
Pecora XL-PERM Air, Vapor & Water Resistive Barrier System

With the proliferation of weatherproofing products that come together within exterior wall assemblies, Pecora has evaluated various self-adhered flexible flashing membrane products for compatibility when applied directly over the STPU-based XL-Perm^{ULTRA} VP fluid applied air barrier coating and XL-Flash liquid flashing / joint filler components of its XL-PERM system. Self-adhered membranes tested utilized asphaltic, butyl and acrylic based adhesives.

Product compatibility testing was performed in accordance with AAMA 713-08 *Test Method to Determine Chemical Compatibility of Sealants and Self-Adhered Flexible Flashings*.

As a result of the testing, it has been determined that the XL-Perm^{ULTRA} VP and XL-Flash products require a minimum product cure time prior to the application of the self-adhered membranes. Minimum cure times vary based on the membrane adhesive type.

The following guidelines should be followed when applying self-adhered membranes over XL-Perm^{ULTRA} VP and XL-Flash:

SELF-ADHERED MEMBRANE WITH BUTYL AND ACRYLIC BASED ADHESIVES

- Self-adhered membranes utilizing a butyl or acrylic based adhesive are acceptable for use over the XL-Perm^{ULTRA} VP and XL-Flash following the standard product cure time of 48hrs @ 75°F/50%rh.

SELF-ADHERED MEMBRANE WITH ASPHALTIC BASED ADHESIVES

- Self-adhered membranes utilizing an asphaltic adhesive are acceptable for use over the XL-Perm^{ULTRA} VP and XL-Flash following a minimum product cure time. Membrane specific cure time requirements are noted in the table below:

Self-Adhered Membrane w/ Asphaltic Adhesive	Pecora STPU-Based Product	Required Cure Time, days
Carlisle CCW-705	XL-Perm ^{ULTRA} VP	15
	XL-Flash	15
Grace PAB Wall Membrane	XL-Perm ^{ULTRA} VP	15
	XL-Flash	15
Firestone Enverge	XL-Perm ^{ULTRA} VP	25
	XL-Flash	25
Tremco ExoAir 110	XL-Perm ^{ULTRA} VP	15
	XL-Flash	15

Consult Pecora Technical Services for application and cure time requirements for self-adhered membranes not listed.

Note: Pecora non-STPU based products such as silicone and acrylic latex do not require additional cure time when applying self-adhered membranes w/ butyl, acrylic and asphaltic adhesives.

