



AIR-SHIELD LMP ADHESION TECHNICAL INFORMATION

Various sealants, caulks, and membranes are available to be used in conjunction with the AIR-SHIELD LMP liquid-applied vapor permeable air barrier. Adhesion and compatibility of these materials were tested to provide information as to their suitability for use on air barrier projects. The materials listed are examples of what may be used for sealing and caulking. Additional products may be suitable but were not tested. These are typical and generic results; any specific products must be tested before use.

The following are typical test results obtained under laboratory testing conditions.

MATERIAL	ADHESION (Over LMP)	ADHESION (Under LMP)
AIR-SHIELD LM	High	High
Self-Stick Sheet Membrane	High	Low
One Part Polyurethane	Moderate	Low
Silicone Caulk	High	Moderate
Acrylic Caulk	Moderate	High
Hot Applied (Rubberized Asphalt)	High	High

Note: Low adhesion- Easily pulled apart (< 1-2 lbs/in.)
 Moderate adhesion - Somewhat difficult to pull apart (> 2 lbs/in.)
 High adhesion- Difficult or unable to pull apart (> 5 lbs/in. or cohesive failure)

- Products were allowed to cure per manufacturer’s instructions.
- No primers were used in the study.
- Other similar products not included in the study may produce different results.
- No problems with compatibility were observed with the products tested.