

TL-0011 — Adhesion of Rubberized Asphalt Membranes to PERM-A-BARRIER® Liquid in Air and Vapor Barrier Applications Technical Letter (US Version)

Adhesion of flexible flashings (such as PERM-A-BARRIER® Wall Flashing and PERM-A-BARRIER® Detail Membrane) to PERM-A-BARRIER® Liquid may be reduced if the PERM-A-BARRIER® Liquid surface develops a chalky film. This film may be the result of improper spray gun set-up or the result of extended exposure to heat and moisture. This technical letter provides guidance for adhering flexible flashings to PERM-A-BARRIER® Liquid that has developed a chalky surface. Note: The procedures in this technical letter can also be used if the PERM-A-BARRIER® Liquid surface has been subjected to surface contamination by general construction dirt and dust.

A chalky film may develop when PERM-A-BARRIER® Liquid is exposed to elevated temperatures (greater than approximately 60 °F), and moisture (rain, dew, high humidity) and has been unprotected for more than one day. This film discoloration does not affect the functional performance of the film.

To adhere PERM-A-BARRIER® Wall Membranes and Flashings to PERM-A-BARRIER® Liquid, once this chalky surface has appeared, apply PERM-A-BARRIER® Liquid Part B (for temperatures above 40 °F) or BITUTHENE®Primer B2 (for temperatures between 20 °F and 50 °F) to the area where the flashing will be adhered.

Application Directions

For temperature above 40 °F

Material:	Use PERM-A-BARRIER® Liquid Part B or PROCOR® Part B
Application:	Apply a thin, continuous layer with a paint roller or brush.
Drying Time:	Allow Part B to dry for a minimum of one hour (or dry to touch). If the flashing has not been adhered within 3 days, or if contaminated, reapply the primer.
Coverage:	10-12 m ² /L (400-500 ft ² /gal) To aid in ease of application and increase coverage area, Part B can be diluted to 50% with water.

For temperatures between 20 °F and 50 °F

Material:	Use GCP Applied Technologies BITUTHENE® Primer B2
Application:	Apply a thin, continuous layer with a paint roller or brush. See product data sheet for more specific guidance.
Drying Time:	Allow the BITUTHENE® Primer B2 to dry for a minimum of one hour (or dry to touch). If the flashing has not been adhered within 3 days, or if contaminated, reapply the primer.

Coverage: 6-8 m²/L (250-350 ft²/gal) Once a primer has been applied and dried, roll the surface of the flexible flashing with a hard surface roller to ensure adequate adhesion. Terminate critical flashing edges with BITUTHENE® Liquid Membrane.

Note: Applying flexible flashings to freshly applied PERM-A-BARRIER® Liquid (approximately one half hour after spraying and no longer than 12 hours after the PERM-A-BARRIER® Liquid application) may eliminate or reduce the need for primer.

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