

POLYFLASH®

1C

ONE PART FLASHING COMPOUND

Simple, Yet Effective Flashing Solution

Why are flashings important?

Often overlooked in the roof design phase, improper flashing is the leading contributor of roof failures. It is where most roof leaks occur. Proper flashing ensures optimal roof system protection.

Asking your contractors to be chemists on the job may not be necessary. Here's your need-to-know differences of a One-Part Flashing Compound versus Two-Part!



PolyFlash® 1C: Your One-Part Flashing Solution

- 1. Warranty:** PolyFlash® 1C, when used in new construction, is included in your roof system warranty.
- 2. Application Process:** There is no mixing and there is no need to know relative humidity for this install. Simply open the bucket, brush apply the material, embed the polyester fabric, and finish the install with a saturation coat.
- 3. Pot Life:** Approximately one hour (give or take). If properly sealed, the product can be used later.
- 4. Substrate Compatibility:** Adheres to most roofing surfaces without primer.
- 5. Temperature Range:** 40°F to 122°F
- 6. VOC Compliant**
- 7. Color:** White (Can embed granules). Much better aesthetically than brown/black options

See The Difference

	Resin Type	Components	VOC (g/l)	Odor	Color	Pot Life	Solar Reflectivity (%)
PolyFlash® 1C	Modified Silane	One-Part	<120	Low Odor	White	Not Applicable	81
Competitor 1	Polyurethane/Bitumen	One-Part	250	Yes - Solvent Odor	Brown	2 hours	0.12
Competitor 2	Polyurethane/Bitumen	One-Part	250	Yes - Mineral Spirits	Brown	2 hours	0.05
Competitor 3	Petroleum Asphalt Urethane	Two-Part	<98	Yes - Kerosene	Brown	30 minutes	0.05



POLYGLASS PMMA

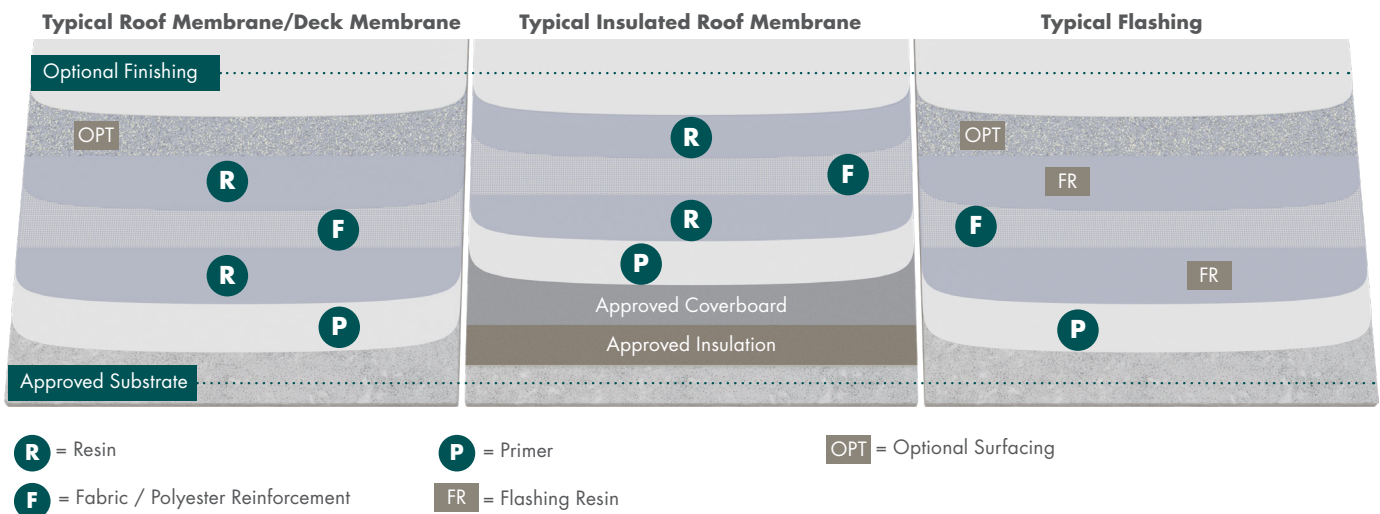
LIQUID-APPLIED
WATERPROOFING SYSTEMS

Your Two-Part Flashing Solutions

- 1. Warranty:** Polyglass PMMA, when used in new construction, is included in your roof system warranty. It can also be used as a full roofing solution.
- 2. Application Process:** Requires installer to be exceptionally skilled. Relative humidity and surface temperature affect mixing calculations. Prime the surface. Catalyze the liquid. Brush apply base coat, embed fabric and saturate fabric with top coat. Fabric requires overlap to be precisely 1/8".
- 3. Pot Life:** Approximately 15 to 20 minutes. Once it is mixed, it must be used immediately.
- 4. Substrate Compatibility:** Adheres to most roofing surfaces WITH primer.
- 5. Temperature Range:** 37°F to 95°F
- 6. Color:** Yellow

Why use one over the other?

Preference! PMMA is the superior option when you look at the overall adhesion, however, this excellent product requires an equally excellent installer. The alternative approach is to use PolyFlash® 1C. PolyFlash® 1C provides the IDENTICAL warranty protection as PMMA and is significantly more user friendly at a quarter of the cost. No primer is needed and there is less room for error.



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