

ROOFING AND WATERPROOFING SYSTEMS



POLYFLASH™

1C

One Part
Flashing
Compound





POLYFLASH™ 1C

PolyFlash 1C is a one-component, state-of-the-art, silane modified polyurethane flashing compound designed for sealing and waterproofing roofing details, flashings and penetrations on a wide variety of roofing systems. When combined with PolyBrite® reinforcing polyester fabric this product can permanently solve typical and challenging flashing needs.

PolyFlash 1C has the unique ability to be applied as an immediate, but temporary emergency leak repair over wet or damp surfaces.

This high solid formulation has been designed to provide exceptional physical properties. Consult Polyglass Technical Services for additional information or refer to the Product Data Sheet for detail application instructions.

Refer to safety data sheet (SDS) for specific data and handling of our products.

Seals:

- Masonry
- Wood
- Curbs or Vents
- Specialty Gypsum Sheathing Products
- Roof Drains
- Pitch Pans
- Unusually Shaped Penetrations

Compatible Roof Systems:

- Asphaltic Membranes
- Polymer Modified Membranes (APP, SBS)
- Conventional BUR
- Most Polyglass Roofing Membranes



Property	Value	Procedure
Tensile	225+/-25 psi	ASTM D2370
Elongation	125+/-25%	ASTM D2370
Tear	76 lb/in	ASTM D624
US Perms	0.8	ASTM E96
Volume Solids	84%	ASTM D2697
Weight Solids	95%	ASTM D1644

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	N/A	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





Features & Benefits

- High tensile strength
- Crack bridging capabilities
- Excellent early rain resistance
- Excellent waterproofing: <1.0 US perms
- UV resistant
- Minimal odor
- Durable
- Extensive application ambient temperature range (40° F to 122° F)
- User-friendly application
- During application, apply roofing granules to match existing roof surfacing



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