

# PLYLINK™ FLASH-N-PATCH COMPOUND

## Product Data Sheet

**PRODUCT INFORMATION:** PLYLINK™ FLASH-N-PATCH COMPOUND is a cold applied, single component, 100% solids, solvent-free, odorless flashing compound that is designed to bond DuraFlex™ SBS modified bitumen membranes, USP™ SBS, USP™ PolyForcement, USP™ PVC-FB (fleece-back) membranes to vertical surfaces or can be used for flashing unusual penetrations and topping off existing asphalt based sealant pans up to a 1-1/2" depth. The solvent free flashing compound is ideal for use where there is a high sensitivity to solvent vapors and odors in such environments as occupied buildings, food processing plants, hospitals and schools.

### RECOMMENDED USES & BENEFITS:

- Bonding cold process BUR sheets, cold process USP™ PolyForcement Fabric or SBS base sheets direct to vertical surfaces or other approved substrates.
- Bonding USP™ PVC-FB membranes direct to vertical surfaces or other approved substrates.
- Membrane repairs and unusual flashing details.
- Excellent vertical application. Will not run, slip, sag or mud crack.
- May be used to flash unusual penetrations and top off existing asphaltic filled sealant pans up to a maximum depth of 1-1/2"
- Very Low VOC content – Low Emitting Materials
- Contact U.S. Ply, Inc. for specific uses.

### PRODUCT CHARACTERISTICS:

**Color:** Black  
**Viscosity:** 350,000 – 450,000 cps  
**Specific Gravity:** 1.34 – 1.39  
**Weight:** 11.6 lbs. /gal.  
**VOC:** < 32 grams/liter @ 240°F (including water)  
**Solids Content:** 100%  
**Recommended Spread Rate:** 30 sq. ft. /gal @ 1/8" thickness (nominal)  
**Drying Schedule:** at 30 mils wet @ 50% RH

	<b>50°F</b>	<b>70°F</b>	<b>110°F</b>
<b>To Touch</b>	8 hrs.	2 hrs.	1 hr.
<b>To Cure</b>	96 hrs.	72 hrs.	48 hrs.

**Note:** Drying time is temperature, humidity, and film thickness dependent.

**Shelf Life:** (Unopened) – 12 months from date of manufacture when stored in normal environments. High temperatures and high relative humidity may significantly reduce shelf life.

**Flammability:** Non-Flammable

### Regulatory Compliance:

- Conforms to OTC Model Rule for Contact Adhesives and Sealants
- Meets requirements of California Regulations: CARB and SCAQMD
- Conforms to California Proposition 65
- Conforms to USDA Requirements for Non-food Contact

### SHIPPING INFORMATION:

<u>Container Size</u>	<u>Gross Weight</u>	<u>Class</u>
3.5 Gal.	42 Lbs.	55

**D.O.T. Classification:** Sealant Caulk, Not Regulated

<b>HMIS:</b>	Health	1
	Flammability	0
	Reactivity	0
	Protection	X

### GREEN STANDARDS:

- **LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point**
- **NAHB Model Green Home Building Guidelines: 5 Global Impact Points.**

## PERFORMANCE CHARACTERISTICS

### Physical Properties:

PHYSICAL PROPERTY	TYPICAL VALUE	TEST METHOD
Solids Content By Weight:	100%	(ASTM D-1644)
Solids Content By Volume:	100%	(ASTM D-2697)
Tensile Strength:	95 psi	(ASTM D-2370)
Elongation:	800 – 900%	(ASTM D-2370)
Low Temperature Flex	-20°F	(ASTM D-822)
Shore A Hardness	60-64	(ASTM D-2240)

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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### APPLICATION PROCEDURES

#### PLYLINK™ FLASH-N-PATCH COMPOUND

#### TEMPERATURE

Air and Surface: 40°F Minimum/120°F Maximum  
Material: 50°F Minimum/110°F Maximum

#### RELATIVE HUMIDITY

Can be applied at relative humidity up to 95%

**STORAGE:** Storage original unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. Adhesive will not freeze.

**APPLICATION:** All surfaces must be clean, dry, and free of bond breakers such as oil, release or curing agents, dirt and loose paint, frost. If necessary, power wash surfaces and allow to dry. Do not use petroleum solvents such as mineral spirits or xylene.

Maintain flashing compound at room temperature before applying to ensure adequate adhesion. No mixing necessary before application.

Remove lid. Ready for use as is in can. Apply with a trowel or knife to a 1/8" thickness to surface. Allow to set and become tacky before applying membrane directly into flashing compound. Do not apply on damp surfaces. Do not apply excess amount of adhesive.

**Trowel/Knife:** Spread flashing compound with a trowel or knife in a 1/8" (3 mm) thickness to obtain a uniform, smooth even coat without gaps, dry areas or bubbles. Press the sheet into place to ensure maximum contact with compound. Re-positioning or straightening of the sheet can be accomplished during this time. (Refer to the U.S. Ply application and installation instructions for specific installation procedures of the U.S. Ply membranes.) Repeat flashing compound application procedure for subsequent courses or flashings of membrane sheets.

**Sealant Pans:** Existing sealant pans (if filled with asphaltic materials, may be cleaned out and refilled or topped off with PlyLink™ Flash-N-Patch Compound up to a maximum depth of 1-1/2".

**Unusual Flashing Penetrations Details:** Apply masking tape to termination point of flashing. Apply base coat of PlyLink™ Flash-N-Patch (brush applied), embed one layer of USP™ PolyForcement fabric around penetration set in the wet flashing compound, Apply a second coat of PlyLink™ Flash-N-Patch brush applied as a flashing grade compound and allow to cure. Remove masking tape. Note: Once cured, the flashing compound must be coated with compatible USP™ EnergyCoatings or Aluminum Coating.

**SPECIAL CONDITIONS** - Please consult U.S. Ply, Inc.'s Technical Department for any specific questions regarding the application of this product.

**WASTE DISPOSAL** – Empty containers must be disposed of in an approved landfill in accordance with local, state and federal regulations.

**LIIMITATIONS** - In areas where prolonged chemical exposure is anticipated, contact U.S. Ply's Technical Service Department for recommendations. Do not use in areas subject to continuous ponding water.

**SAFETY PRECAUTIONS:** Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Seek medical attention immediately. Refer to the MSDS sheet before use. For Chemical emergencies, spills, leaks, exposure, or accidents. Please refer to the MSDS for First Aid information. Most current MSDS can be found at [www.usply.com](http://www.usply.com).

**Limited Warranty** U.S. PLY, INC. ("SELLER") WARRANTS THAT, AT THE TIME OF DELIVERY, THE MATERIAL DELIVERED SHALL CONFORM TO SELLER'S SPECIFICATIONS THEREFOR FREE AND CLEAR OF ALL LIENS AND ENCUMBRANCES. **SELLER DOES NOT MAKE, AND IS NOT TO BE HELD LIABLE FOR, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE OR FOR ANY OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, EXCEPT AS SET FORTH IN THE PRECEDING SENTENCE.** IF ANY MATERIAL FAILS TO CONFORM TO THE FOREGOING WARRANTY, SELLER SHALL REPLACE SUCH NON-CONFORMING MATERIAL, PROVIDED THAT SUCH MATERIAL HAS BEEN HANDLED AND INSTALLED IN ACCORDANCE WITH SELLER'S PUBLISHED HANDLING PROCEDURES AND INSTALLATION SPECIFICATIONS. THIS WARRANTY DOES NOT APPLY TO, AND SELLER SHALL NOT BE LIABLE FOR, LABOR COSTS OR ANY OTHER DAMAGES RESULTING FROM IMPROPER OR FAULTY INSTALLATION OF MATERIAL OR RESULTING FROM FAILURE OF THE MATERIAL ITSELF. REGARDLESS OF THE THEORY ON WHICH A CLAIM MAY BE MADE INCLUDING, WITHOUT LIMITATION, NEGLIGENCE, CONTRACT, BREACH OF WARRANTY, STRICT LIABILITY IN TORT, MISREPRESENTATION, OR OTHERWISE, WITH RESPECT TO MATERIAL DELIVERED OR FOR FAILURE TO DELIVER ANY MATERIAL, NO CLAIMS OF ANY KIND WHATSOEVER SHALL BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE MATERIAL IN RESPECT OF WHICH DAMAGES ARE CLAIMED. **IN NO EVENT SHALL SELLER BE LIABLE FOR: INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES.** FAILURE OF BUYER TO GIVE WRITTEN NOTICE OF CLAIM WITHIN SIXTY (60) DAYS AFTER DELIVERY OF MATERIAL SHALL CONSTITUTE A WAIVER BY BUYER OF ALL CLAIMS WITH RESPECT TO SUCH MATERIAL.

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