

PLYLINK™ WATERPROOFING COMPOUND

Product Data Sheet

PRODUCT INFORMATION: PLYLINK™ WATERPROOFING COMPOUND is a cold applied, solvent free, 100% solids, single component, waterproofing compound that cures by exposure to the atmospheric and or substrate moisture to form a continuous, tough, reinforced elastic waterproof seal.

RECOMMENDED USES:

- In above grade applications, use PLYLINK™ WATERPROOFING COMPOUND to waterproof planter boxes, sealing parapets, plaza decks and green roof systems. PLYLINK™ WATERPROOFING COMPOUND is also a versatile general roofing repair product that can even be used to line and waterproof gutters.
- In below grade applications, use PLYLINK™ WATERPROOFING COMPOUND is ideal as positive-side waterproofing for sealing foundations. It can also be used in between slab waterproofing, equipment wells, and other underground construction.
- The light mastic properties of PLYLINK™ Waterproofing Compound allow its use as a sealer in horizontal applications such as parking decks.
- PLYLINK™ Waterproofing Compound is solvent free and compliant with all known environmental and OSHA requirements. It contains no volatile or toxic materials and can be used in confined spaces without respiratory protection.
- PLYLINK™ Waterproofing Compound is an elastomeric rubber that is resistant to thermal shock. It will not crack in extreme cold or slump due to softening at high temperatures like conventional asphalt or coal tar based coating.
- Contact U.S. Ply, Inc. for specific uses.

PRODUCT CHARACTERISTICS:

Color: Black
Viscosity: 100,000 cps
Specific Gravity: 1.34
Weight: 11.2 lbs. /gal.
VOC: < 32 grams/liter
Solids Content: 100%
Conforms to ASTM C—836-06
Recommended Spread Rate: 50 sq. ft. /gal. per 30 mil coat (nominal)
Drying Schedule: At 30 mils wet @ 50% RH

	50°F	70°F	110°F
To Touch	2 hrs.	60 min.	30 min.
To Recoat	8 hrs.	4 hrs.	2 hrs.
To Cure	72 hrs.	48 hrs.	24 hrs.

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

Shelf Life: (Unopened) – 6 months from date of shipment
Flammability: Non-Flammable

SHIPPING INFORMATION:

<u>Container Size</u>	<u>Gross Weight</u>	<u>Class</u>
5 Gal.	56 Lbs.	55

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

HMIS:	Health	01
	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:	350%	(ASTM D-2370)
Water Vapor Transmission	0.06 perm inches	(ASTM E-96)
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 WATERPROOFING 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%

APPLICATION: All surfaces must be clean, dry, and free of bond breakers such as oil, release or curing agents, dirt and loose cement, ice or frost. If necessary, power wash surfaces and allow to dry.

Liquid Applied Membrane: Repair all cracks, spalling and exposed joints with PlyLink Construction Adhesive/ Sealant. Use USP™ PolyForcement fabric in a three course application as reinforcement where joint movement is anticipated.

Apply a 30 mil base coat application of PLYLINK™ Waterproofing Compound with a brush, trowel or roller. Allow the base coat to cure before proceeding with a finish coat of PLYLINK™ Waterproofing Compound.

Apply a second 30 mil top coat of PLYLINK™ Waterproofing Compound to cover "pin holes" and to form a solid, 60-mil waterproof barrier.

If insulation is required use two pound density extruded polystyrene foam insulation. Make sure the insulation boards are clean and dry. Press the insulation into freshly applied top coat of PLYLINK™ Waterproofing Compound to form a composite barrier. PLYLINK™ Waterproofing Compound should be viscous enough to hold the insulation sheets in place. (If additional protection to the insulation is desired, a non-polyethylene vapor barrier may be bonded to the top of the insulation with PlyLink Construction Adhesive/Sealant. Seal laps in the vapor barrier with PlyLink Construction Adhesive/Sealant). Do not backfill the foundation trench for twenty-four hours to allow the waterproof barrier to cure sufficiently to resist abrasion and displacement of insulation boards.

Joint Sealing: For joints greater than 1/8 wide, seal the joint with PlyLink Construction Adhesive/Sealant. Backer rod should be used in joints deeper than 1/2". Reinforce all joints where movement is anticipated with a 4-inch wide strip of USP™ PolyForcement fabric in a three course application with PLYLINK™ Waterproofing Compound.

Wall Flashing: Trowel apply PLYLINK™ Waterproofing Compound to the wall flashing, covering the entire flashing surface. While wet, embed the smooth appropriate width of USP™ PolyForcement fabric into the wet mastic and dry trowel into place. Trowel apply an additional layer of PLYLINK™ Waterproofing Compound to the surface of the polyester and trowel, covering all exposed fabric.

For long-term flashing repairs exposed to the weather, it is recommended to coat the completed wall flashing with a USP™ ALL SEASON or USP™ Energy Coating System after the PLYLINK™ Waterproofing Compound completely cures.

SPECIAL CONDITIONS

Mildew

- Must be removed by power washing and broom scrubbing with a solution of household bleach or liquid detergent and water. Rinse clean and dry.

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

Contains no volatile organic solvent and no isocyanates. Conforms to California Proposition 65.

PLYLINK™ Waterproofing Compound should not be used to fill ChemCurbs or metal pitch pans. The maximum curing depth of PLYLINK Waterproofing Compound is one-half inch.

SAFETY PRECAUTIONS: Refer to the MSDS sheet before use. For Chemical emergencies, spills, leaks, exposure, or accidents CALL: CHEMTREC DAY/NIGHT 1-800-424-9300.

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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