

# USP™ ALL SEASON SEBS FLASHING GRADE

## Product Data Sheet

**PRODUCT INFORMATION:** USP™ ALL SEASON SEBS FLASHING GRADE is a single component, block copolymer elastomeric mastic that forms as a tough and durable elastomeric membrane. The cured mastic is UV and water resistant with excellent resistance to mildew attack and weathering. The mastic has exceptional elongation properties, cold weather pliability, excellent weather and water resistance, good chemical resistance and a highly reflective finish.

### RECOMMENDED USES:

- Sash to masonry.
- Metal roof seams, screw heads, fasteners, vents, and other protrusions and penetrations.
- Patch and repairing blisters, cracks and seams in existing, APP, SBS, BUR, TPO, Hypalon, fiberglass, concrete and wood.
- Flashing & Detail Flashing.
- Contact U.S. Ply, Inc. for specific uses.

### PRODUCT CHARACTERISTICS:

**Finish:** Eggshell

**Color:** White

**Viscosity:** Trowelable @ 75°F or greater

**Specific Gravity:** 1.09

**Weight:** 9.4 lbs. /gal.

**VOC:** < 410 grams/liter

**Recommended Spread Rate:** 16 sq. ft. /gal. per coat (nominal)

**Drying Schedule:** At 9.0 mils wet @ 50% RH

	50°F	70°F	110°F
<b>To Touch</b>	4 hrs.	2 hr.	30 min.
<b>To Recoat</b>	8 hrs.	4 hrs.	2 hrs.
<b>To Cure</b>	72 hrs.	48 hrs.	24 hrs.

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

**Shelf Life:** (Unopened) – 18 months from date of shipment

**Flammability:** Non-Flammable



### SHIPPING INFORMATION:

<u>Container Size</u>	<u>Gross Weight</u>	<u>Class</u>
5 Gal.	49 Lbs.	55

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

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

## PERFORMANCE CHARACTERISTICS

### Physical Properties:

PHYSICAL PROPERTY	TYPICAL VALUE	TEST METHOD
Solids Content By Weight:	68% ± 2%	(ASTM D-1644)
Solids Content By Volume:	52% ± 2%	(ASTM D-2697)
Tensile Strength:	1500 psi ± 25	(ASTM D-2370)
Elongation:	400% ± 25%	(ASTM D-2370)
Accelerated Weathering	No degradation after 1,000 hours	(ASTM G-53)
Permeability	Non-breathing	(ASTM D-1653)
Low/High Temperature	Films retained their ability to be flexed 180° without cracking at temperatures from -15°F to 185°F with no age hardening or slump	(ASTM D-822)

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 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

#### USP™ ALL SEASON SEBS FLASHING GRADE

#### TEMPERATURE

Air and Surface: 50°F Minimum/120°F Maximum  
Material: 75°F Minimum/110°F Maximum

#### RELATIVE HUMIDITY

Can be applied at relative humidity up to 95%

**BRUSH:** No reduction necessary. Use bristle brush. Apply to surface to a 1/16" thickness. Tool immediately to ensure full contact with the interfaces of the joint. **CAULK:** Fill the joint completely and tool immediately to ensure full contact with the interfaces of the joint.

**METAL ROOFS:** Clean rusted areas of flaking, scaling rust and prime using USP™ ALL SEASON METAL PRIMER (refer to data sheet). Use three-course repair method by applying USP ALL SEASON SEBS FLASHING GRADE at the rate of 30 - 35 lineal feet/gallon @ 1/8" thickness). Embed 6" USP™ PolyForcement fabric (refer to data sheet) into wet mastic, smoothing fabric carefully without stretching. Apply a second coat of USP™ ALL SEASON SEBS FLASHING GRADE over the fabric at the same coverage rate extending 1" or 2" wider than the fabric, completely covering the fabric ensuring all edges are firmly embedded.

**NOTE:** Vertical seam (side lap) sealing does not require the use of fabric. Apply USP™ ALL SEASON SEBS FLASHING GRADE or USP™ ALL SEASON EXTRUDABLE SEAM BOND at 80 - 85 lineal feet/gallon approximately 3" wide.

**BUR/Modified Bitumen:** Repair blisters, open seams, splits, cracks, and flashings using three course repair method of USP™ ALL SEASON SEBS FLASHING GRADE, USP™ PolyForcement, and USP™ ALL SEASON SEBS FLASHING GRADE.

**COVERAGE:** Coverage will vary depending on surface and size of area being patched. A thickness of 1/8" is generally sufficient, which represents an application rate of approximately 12 sq. ft. /gal. or 35 in. ft. /gal. @ 4" wide.

### 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.

#### Ponding Water:

- **U.S. Ply, Inc.'s Warranties do not cover damage due to ponding water.**
- These as all coatings should not be applied on roofs collecting ponding water. The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

- Do not use without a vapor barrier in cryogenic tank or cold storage roofing applications.

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

**Surface Preparation:** All surfaces to be coated must be clean, dry, and paintable. It may be necessary to power wash to enhance adhesion. See application specification for more details. Material is not compatible with grease and/or oil.

**Curing Precautions:** Material should be applied in multiple layers to achieve desired thickness. It is best to let the material cure between coats.

Heavy build-ups in one application will cure very slowly.

Curing times will vary with temperature and humidity. At 75°F and 50% RH, a surface skin will form within 4 hours with full cure in 5-7 days, depending upon depth. The cure rate is reduced at lower temperatures and less humidity.

**Cleanup Instructions:** Clean up spills and spatters immediately with mineral spirits. After cleaning, flush spray equipment with USP All Season Cleaning Solvent.

**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.



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