



# USP® SA Primer

## Product Data Sheet

**Description:** USP® SA Primer is a water-based pressure sensitive Polymer based primer designed to enhance the bonding adhesion of self-adhesive membranes to approved substrates. It is fast drying with an aggressive tack.

**Use** Intended for use on metal flashings, concrete, masonry, wood decks and parapet walls prior to application of SA modified bitumen membranes.

**Surface Preparation:** All surfaces to be adhered must be clean, dry and free from any foreign matter, such as oil, grease, dirt or any debris that could inhibit the bonding capabilities of the primer.

**Application:** Temperatures must be a minimum of 40°F and rising with a humidity of not less than 90% for proper curing. Apply the SA Primer at the rate of one (1) gallon per 100 square feet to the intended substrate. Porous surfaces will require more adhesive but will also extend the adhesive drying time. The primer should be applied with a ½" nap roller or suitable spray equipment. Allow the primer to dry completely. The color of the primer will change from white to clear with the primer is fully dry. Do not allow foot traffic until completely dry.

When the primer is dry, the membrane should be mated to the roof deck or metal flashing as applicable. Follow membrane installation instructions for proper installation of the self-adhesive membrane. Firmly adhere the membrane by direct contact pressure to the substrate. Apply pressure from the center of the sheet outwards towards the membrane sides and ends. Use a weighted field roller to ensure maximum contact of the membrane with the underlying membrane working out all air pockets, voids and un-adhered areas that will prevent bonding of membrane to the underlying substrate.

**Note:** Do not use primer as a lap adhesive. This product is VOC compliant. Protect from freezing. Do not use if contents have been frozen.

**Caution:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For skin contact, wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician. Do not take internally. If swallowed, do

not induce vomiting. Contact medical personnel immediately. Keep out of the reach of children. Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately. Read SDS prior to use.

**Clean Up:** May be cleaned with soap and water when liquid. Clean hands with soap and water or waterless hand cleaner.

**California Prop 65 Warning:** This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

### Product Data: USP® SA Primer (typical)

Container size: 1 gal & 5 gal pails  
Viscosity: 1,000 cps (D2196)  
% Solids by weight: 60% (D1644)  
% Solids by Volume: 58% (D2697)  
Weight per gallon: 8.6 lbs/gal (D1147)  
Flash Point: n/a (D56)  
VOC: 0 g/l

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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