

# USP® 300 WB PVC SINGLE PLY ADHESIVE

**Description:** USP® 300 WB PVC Single Ply Adhesive is a unique high solids, water based and VOC compliant adhesive designed for bonding USP® EV-PLUS, USP® FB EV-PLUS, USP® FB PVC and USP® PVC Thermoplastic membrane to concrete, wood and cementitious wood fiber surfaces. USP® 300 WB Single Ply Adhesive is applied into a uniform thickness with a brush or paint roller. Adhesive resists alcohol and hydrocarbon solvents, has a high wet tack, is non-flammable and adheres to many difficult to bond substrates.

**Use:** Intended for bonding USP® EV-PLUS, USP® FB EV-PLUS, USP® FB PVC and USP® PVC Thermoplastic membrane to concrete, wood and cementitious wood fiber surfaces.

**Application Method:** USP® 300 WB PVC SINGLE PLY ADHESIVE is applied by brush or paint roller. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. Coverage rate may vary based on the smoothness and porosity of the substrate.

**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 adhesive.

**Application Instructions:** Apply USP® 300 WB PVC Single Ply Adhesive according to the following instructions: Stir well, **do not thin**. The substrate must be clean, dry, and free of any foreign materials, grease or oil. It is required that the ambient air temperature is above 45°F for the use of adhesives. A smooth, even coating of USP® 300 WB PVC Single Ply Adhesive shall be applied to the substrate to which the membrane shall be applied over. The adhesive shall be applied using a brush or paint roller at a minimum coverage rate of 150 sq. ft per gallon to the substrate over which the membrane shall be installed. Coverage rate may vary based on the smoothness and porosity of the substrate. Place the membrane into the wet adhesive, fleece side or smooth back side down. Broom the membrane in and roll with a heavy weighted roller (minimum 200 lbs).

**Coverage:** Coverage rate is approximately 150 sq. ft per gallon to the substrate, depending on the absorbency of the substrate. Note: Increased rates of application will prolong the curing process.

## **Product Data: USP® 300 WB PVC Single Ply Adhesive (typical)**

Item Code: SP-300-WB-SPA  
Color: White

## Product Data Sheet

**Adhesive Base:** Synthetic resin copolymer in a water base

Viscosity: 2,500 cps @ 77°F

% Solids by weight: 73%.

% Solids by volume: 69.5%

Weight per gallon: 8.4 lbs/ gal

**Packaging:** Available in 5 gallon pails. Pail weight approximately 44 lbs.

**Storage/Handling:** Keep from freezing. Store above 40°F. For best results store between 60°F and 80°F.

**Clean Up:** Keep containers covered when not in use. Use USP® Natural Solvent Cleaner for clean up.

**Ventilation** – Cover rooftop air intake vents when applying the adhesive - to minimize the solvent odor. Use with adequate ventilation and close containers when not in use. If TLV (Total Level of Vapor) is exceeded, respirators are required (NIOSH/MSHA). Inhalation of high vapor concentration may result in headaches and/or dizziness. Remove individual to fresh air and administer oxygen if breathing is difficult. If breathing has stopped, administer artificial respiration, keep victim warm and order emergency medical attention immediately.

**Compatibility & Limitations:** Compatible with concrete, lightweight concrete and cementitious substrates.

**Shelf Life:** For best results use within 6 months when stored between 60°F (16°C) and 80°F (27°C) in unopened containers and out of direct sunlight. Do not store adhesive below 40°F (4.4°C). Once the adhesive has been frozen, it is no longer useable, even when thawed.

**KEEP OUT OF THE REACH OF CHILDREN.** For professional use only. If swallowed, do not induce vomiting. Read MSDS prior to use. If you cannot read, or do not understand, all directions, cautions and warnings, do not use this product.

**Caution:** USP® 300 WB PVC Single Ply Adhesive contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and adequate protective equipment and clothing should be worn. Read MSDS prior to use. Refer to USP® Single Ply Roofing Systems Guide Specifications, Detail Drawings and Technical Bulletins for instructions.

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

**DOT Label Required:** Not Regulated, Non-Flammable

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.

Seller warrants that this product shall be free of any defect in material or workmanship under normal use for a period of ONE YEAR from the date of purchase. This warranty does not extend to any defect or failure caused by misuse and/or incorrect application. LIMATATION OF LIABILITY: In the event of a defect or failure falling under this warranty, Buyer's sole remedy shall be refund of the purchase price or replacement of the defective material, at Seller's option. Under no circumstances shall Seller be liable for any losses or damages caused by this product, whether direct, indirect, special, incidental, or consequential damages, whether based on contract, tort (including negligence) or any other legal theory. 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 WITH RESPECT TO THE GOODS HEREIN SOLD BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

