

# USP® 954 PREMIUM MODIFIED FLASHING CEMENT

**Description:** USP® 954 Premium Modified Flashing Cement is an easy spreading, quick bonding rubberized cold process mastic for vertical surface and flashing conditions of APP or SBS modified bitumen membranes and BUR sheets to various roof surfaces, base and/or ply sheets. Made from a combination of high grade refined modified asphalts, a high polymer content, a special solvent blend, and non-asbestos reinforcing fibers. Contains no fillers or extenders of any type. Will not run, slip, sag or mudcrack. Ideal for repairing or flashing modified bitumen membranes.

**Use** Intended for adhering modified bitumen membranes to flashings and other vertical surfaces.

**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. On existing roofs, inspect roof deck condition – moisture in old roof may require complete removal of existing roof.

**Storage/Handling:** Keep away from heat, open flame and any source of ignition. Observe normal safeguards for storing and handling of this product prior to and during application. Do not allow adhesive to freeze. Do not thin with additional solvents. Temperatures should be above 45°F (7.2° C) and rising as adhesives tend to thicken and stiffen in cold weather and can result in excessive quantity application. For best results, keep material temperatures above 70°F. Store material at 70°F (21.1°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10° C) or below. Do not heat container or attempt to thin this product. Not recommended for application on substrates that exceed 140°F (76° C).

**Product Data: USP® 954 Premium Modified Flashing Cement (typical)**

VOC: < 300 g/l max

Weight per gallon: 9.7 lbs – 10.0 lbs/ gal, 49 lbs/pail  
Flash Point (TCC) +100°F (38.7°C)

Meets or exceeds ASTM D 4586

**Packaging:** Available in 5 gallon pails

**Application:** Remove lid. Ready for use as is in can. **Do not thin.** Apply with either a pointed or notched trowel or knife in a 1/8" thickness to surface. Allow to set and become tacky before applying membrane directly into flashing cement. Do not apply on damp surfaces. Note: Increased rates of application will prolong the curing process. Spread the adhesive in a uniform, smooth, even coat without gaps, dry areas or bubbles. Continue to spread the adhesive up the roof until the bed of adhesive is wide enough to receive the sheet.

The adhesive may be left open for a short time before the modified roll is embedded to allow some of the solvent to evaporate and improve the initial bond. This time period will vary significantly with weather conditions and the applicator should be careful not to allow the adhesive to set up or skin over before the membrane is installed. For best results, the modified bitumen sheets should be installed vertically up the curb or wall. Maximum recommended vertical height installation is 24 inches unless installed in two pieces. The sheet is then rolled, scrolled or flopped into the adhesive. Press the sheet into place to ensure maximum contact with flashing cement. All SBS laps should be a minimum of 4 inches wide on sides and 6 inches on ends. All APP laps should be a minimum of 3 inches wide on sides and 6 inches on ends. When seams are to be welded, avoid adhesive contamination into the seam area. When laps are to be bonded with mastic they should be rolled with a weighted roller and end laps should be weighted to ensure a proper bond. A bead of adhesive should be evident at all seams. Brooming is recommended to ensure embedment. Repositioning or straightening of the sheet can be accomplished during this time. (Refer the U.S. Ply application and installation instructions for specific installation procedures and for specific seaming instructions.

**Cure Time:** Cure time will be between 48 and 72 hours and is dependent on several factors including but not limited to ambient temperature and film thickness. The strength of the adhesive will continue to increase beyond this initial bonding period.

**Compatibility/Limitations:** Do not use on wet or damp surfaces, directly over wood or on surfaces previously covered with coal tar products. Do not use with modified bitumen membranes that have a plastic release film backing or foil laminate facer. Do not use over solvent sensitive insulation.

**Clean Up:** Keep containers covered when not in use. May be cleaned with mineral spirits or naphtha. Use care when handling solvents. Follow spray equipment manufacturer's instructions for cleaning with solvents. Clean hands with waterless hand cleaner.

**Shelf Life:** Two years from date of manufacture.

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**on:** Combustible mixture, keep away from heat, open flame and any source of ignition. Observe normal safeguards for storing and handling of this product prior to and during application. Avoid prolonged contact with skin or flames. If irritation occurs seek medical attention. **Take all necessary precautions to prevent vapor intrusion into ventilation systems. 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 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. If swallowed, do not induce vomiting. **Eye Contact** - Rinse immediately with water for 15 minutes and seek medical advice. **Personal Protection** - Irritation may result from prolonged or repeated contact with skin. Wear chemical resistant gloves, protective goggles and protective clothing, if needed. Keep out of the reach of children. Read MSDS prior to use. **Fire Protection** – USP® #954 Premium Modified Flashing Cement is **COMBUSTIBLE** and should always be kept away from heat, open flame and any source of ignition. **Waste Disposal** – Empty containers must be disposed of in an approved landfill in accordance with local, state and federal regulations.

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

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. **LIMITATION 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;**

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