

USP™ #640 ASBESTOS FREE PLASTIC ROOF CEMENT

Product Data Sheet

Product Name: USP™ #640 Asbestos Free Plastic Roof Cement

Product Description: Superior grade mastic formulated as a multi-purpose cement for repairing leaks, cracks, splits, holes in roofing membrane and shingles. Can be used as a flashing adhesive on skylights, gutters, gravel guards, lead and metal flashings. Ideal for vertical applications. Will not sag, slip, or mud-crack. Designed to remain resilient through weathering cycles.

Approvals: Exceeds ASTM D4586. USP™ #640 Asbestos Free Plastic Roof Cement is listed or approved with Underwriter's Laboratories (UL). Contact U.S. Ply, Inc. for specific/applicable codes.

Product Data: USP™ #640 Asbestos Free Plastic Roof Cement (typical)
Coverage Rate: 20 sq. ft. per gallon at 1/8" thickness depending on surface applied.
Weight: 42 lbs/5 gal (19 kg/19 L)
Maximum VOC content does not exceed 300 grams/liter.

Storage/Handling & FIRE WARNING: USP™ #640 Asbestos Free Plastic Roof Cement is COMBUSTIBLE and should always be kept 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. Adhesive can be applied within an ambient temperature range of 40°F (4.4°C) to 100°F (37.8°C). 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. **Clean Up:** Keep containers covered when not in use. Clean equipment and overspray with kerosene, mineral spirits or petroleum naphtha. Follow spray equipment manufacturer's instructions for cleaning with solvents. Clean hands with waterless hand cleaner. **Caution** USP™ #640 Asbestos Free Plastic Roof Cement contains petroleum distillates. See ventilation recommendations regarding solvent odor. **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:** 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 facer. Do not use over solvent sensitive insulation.

Application Instructions:

Remove lid. Ready to use as is from can. Apply with trowel or brush. For vertical applications apply in 1/4" – 1/8" nominal thickness to surface. Coverage will vary depending on materials used and 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. Check local building codes – local building codes may require complete removal of existing roof. Check with manufacturer for details on cutting out and repairing blisters, buckles and raised edges for a smooth surface. Check all flashings, edges, drains, valleys and vents and repair as needed. **Trowel/Knife:** Spread flashing cement with a trowel or knife in a 1/8" (3 mm) thickness to obtain a uniform, smooth even coat without gaps, dry areas or bubbles. Press the sheet or flashing material into place to ensure maximum contact with flashing cement. Re-positioning or straightening of the sheet or flashing material can be accomplished during this time. (Refer the U.S. Ply application and installation instructions for specific installation procedures of the USP™ membranes.) Repeat flashing cement application procedure for subsequent courses or flashings of membrane sheets.

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.

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