

# USP™ #442 FIBERED ALUMINIUM ROOF COATING

## Product Data Sheet

**Product Name:** USP™ #442 Fibered Aluminum Roof Coating

**Classification:** Aluminum Coating; ASTM D 2824 Type III

**Product Description:** Designed to produce a brilliant expandable silvery finish and protective coating. Helps deflect infrared and ultraviolet rays which cause materials to crack and dry out, prevents rust, inhibits fungus and reflects over 70% of the sun's damaging rays and also helps reduce building energy usage and helps keep interior building temperatures cooler.

**Approvals:** Exceeds ASTM D-2824 Type III

**Product Data:** USP™ #442 Fibered Aluminum Roof Coating (typical)  
Coverage Rate: 35 sq. ft. – 75 sq. ft. per gallon depending on surface applied.  
Weight: 42 lbs/5 gal (19 kg/19 L)  
Maximum VOC content does not exceed 500 grams/liter.

**Storage/Handling:** Observe normal safeguards for storing and handling of this product prior to and during application. Do not allow coating to freeze. Do not thin with additional solvents. Coating 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™ #442 Fibered Aluminum Roof Coating contains petroleum solvents. See ventilation recommendations regarding solvent odor. **Ventilation** – Cover rooftop air intake vents when applying the primer - 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.

**Application Method:** Remove lid. Stir or mix well before use and occasionally during use to avoid streaking. Apply with semi-stiff fiber brush or solvent resistant paint roller. Stroke uniformly in one direction. Do not work excessively as this will retard the leafing of the aluminum pigment and tends to darken the finish. Apply only to clean and dry surface.

**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. 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.

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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