Technical Data Sheet

MCPU 3401/3601 – Low VOC Silver Aromatic Coating

Product Information

The MCPU Silver Aromatic Coating is low VOC, exterior grade, single component, moisture cure, polyurethane coating. It is designed for use as a surface coating where reflectivity, durability, high abrasion resistance, and low life cycle costs are required. When properly applied, it has outstanding adhesion to metal, urethane foam, and most other conventional commercial roofing surfaces. MCPU Silver Aromatic Coating also resists the effects of mold, mildew, fungus and other parasites.

Typical Properties:

Property	Value
Appearance	Silver Liquid
Specific Gravity	1.04 ± 10%
Solids Content	76% to 80%
VOC content	<50 g/l
Viscosity at 77° F	5200 ± 10%
Tensile Strength (ASTM D-412)	494 psi ± 10%
Elongation (ASTM D-412)	312% ± 10%
Flammability	Class A on Non Combustible Surfaces
Low Temperature Flexibility	ASTM 413 Excellent
Abrasion Resistance	ASTM C501 Excellent
Solar Reflectance	ASTM E903 76% initial
Water Vapor Permeance (ASTM D-96)	1.8 to 2.2 perms
Coverage Rate	1 gal. per 100 SF yields 11 dry mils

Note: The above values are not specifications. Open time, gel time and dry time will all vary depending on temperature and humidity at time of installation. It is recommended that on site testing be performed in job conditions prior to installation. The above values are lab data only. Results gained in the field will differ under varying conditions.

Storage & Handling

MCPU Silver Aromatic Coating must be stored at temperatures between 50°F and 100°F. When transporting or storing material, be sure that the container is sealed and secure. Do not allow to freeze.

HEALTH & SAFETY INFORMATION:

Health and safety information is available in the form of a Material Safety Data Sheet. This literature, describing proper precautions and personal protective equipment is available for review. To receive this information, please contact an MCPU Polymer Engineering representative. Before working with this product, you must read and become familiar with this information. This cannot be overemphasized.

IMPORTANT:

The information contained in this technical data sheet is offered for your consideration, investigation, and verification. It is presented in good faith and is believed to be reliable. MCPU Polymer Engineering, however, makes no representation to either its accuracy or completeness. MCPU Polymer Engineering makes **NO WARRANTY**, express or implied, with respect to the data contained herein. The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of product evaluations) including any suggested recommendations are beyond our control. Therefore, **IT IS IMPERATIVE THAT YOU TEST OUR PRODUCTS,** technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. **YOUR USE OF OUR PRODUCTS CONSTITUTES ACCEPTANCE.** This application-specific analysis must at least include testing to determine suitability from a technical, as well as health, safety, and environmental standpoint. All information and technical assistance is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation to the contrary is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation or use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

For Additional Information, please contact:
Corporate Office:
708 S. Temescal, Suite 101
Corona, CA 92879
951-736-1881
www.mcpu.net

Manufacturing and R&D:
826 East Fourth St.
Pittsburg, KS 66762
620-231-4239

Updated 1-27-20