



Technical Product Data

Sil-Sky 9220C SkylightCoating

Product Description:

Sil-Sky 9220C Skylight Coating Series is a one-component, moisture curing coating system that is designed for application on skylights. Provides UV ray protection but also allows for light to come through as well as acting as a water barrier. It is easily administered and adheres to various types of skylight surfaces.

Typical Performance:

Sil-Sky 9220C cures to a durable air and moisture barrier. This coating is a one-part, ready-to-used material that can be applied easily to a dry, frost-free surface, and cures at normal temperature and humidity in 1 to 4 hours by reacting with moisture in the air. Sil-Sky 9220C is a true silicone coating offering up to 15 years of protection that can be applied to most surfaces by brush, roller or spray.

STORAGE AND SHELF LIFE:

Sil-Sky 9220C Series when stored in unopened containers has a recommended Shelf life of 12 months from date of manufacturer and between 40°f and 80°f. Refer to product packaging.

TYPICAL PROPERTIES - Supplied	
Specific Gravity, at 25°C (77°F).....	1.24
Solids Content, Percent by volume ASTM D-2369.....	89(+/-3)
Tack-Free Time.....	2-4 hrs.
Cure Time.....	1-4 hrs.
Volatile Organic Compounds.....	<49 grams/liter
Flash Point.....	212
TYPICAL PROPERTIES - Cured	
Tensile, Set at 100 percent elongation.....	Nil
Tensile Strength, psi ASTM D-412.....	.266
Elongation, percent ASTM D-412.....	.253
Temperature Stability Range, °C (°F).....	- 41 to 105 (-35 to 212)
Flame Spread ASTM E-108.....	Class A

INSTALLATION:

Surfaces to be coated with Sil-Sky 9220C must be properly prepared. All surfaces must be clean, dry and free of loose particles. Cracks and holes must be filled if greater than 1/8 inch wide. Cracks can be filled with SCS approved silicone sealants. Surface temperature of the substrate below 120° F (49°C) before installing Sil-Sky 9220C. The coating can be easily applied with brush, roller or standard airless spray. Skin-over is achieved within 30 minutes of application and tack free in 1-2 hours under most conditions.

SPRAY EQUIPMENT:

Due to the high viscosity of the material, a high-pressure airless sprayer capable of producing a minimum of 3500 PSI at the spray gun head should be used. The pump should have a minimum of 3 gallons per minute output rate. Always use components rated for pump pressure. Hoses should be BUNA-N jacketed for prevention of moisture contamination. Hoses should have a minimum I.D. of 3/4" and an adequate working pressure. The spray gun should be high pressure (5000 PSI) with reverse-a-clean spray tip, having a minimum orifice of .030 and a 50° fan tip.

PACKAGING:

Sil-Sky 9220C Series is available in 55, 5 and 1 gallon containers.

CLEAN UP:

Uncured silicone coating can be cleaned or equipment can be flushed with VM&P Naptha or Mineral Spirits.

Other Available Products:

Sil-Clean Activator is a odorless silicone solvent that helps to easily remove graffiti from Sil-Sky 9220C products with ease.

LIMITED WARRANTY INFORMATION-PLEASE READ CAREFULLY:

The information herein is to assist customers in determining whether this product is suitable for various applications. This product is only intended for sale to industrial and commercial customers. Customers assume full responsibility for quality control, testing and determination of suitability of products for its intended application or use. We warrant that our products will meet our written specifications. We make no other warranty of merchantability of fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is replacement of nonconforming product and in no event shall we be liable for any other damages, including without limitation to special, incidental, punitive, or consequential damages. For warranty details, please contact your SCS Specialist.

Specification Writers: A copy of the Application Specification for this product may be obtained from Silicone Coating Solutions Customer Service. To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Silicone Coating Solutions, Inc. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Silicone Coating Solutions, Inc's quality control. We assume no responsibility for coverage, performance or injuries resulting from use.