



SILICONE COATING SOLUTIONS

## Technical Product Data

# Sil-X 7000 Anti-Graffiti

### Product Description:

Sil-X 7000 Anti-Graffiti Series Solvent-Free Silicone Coating is a one-component, moisture curing coating system that is designed for above grade applications. Provides invisible protection from graffiti as well as acting as a water barrier. It is easily administered and adheres to various types of building surfaces. Applying product before or after vandalism allows for graffiti to be easily removed.



### Typical Performance:

Sil-X 7000 Series Silicone Coating 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-X is a true, anti-graffiti 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-X 7000 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

|  |                 |
|--|-----------------|
| Solids Content, Percent by volume ASTM D-6578..... | 81(+/-3)        |
| Tack-Free Time.....                                | 1-4 hrs.        |
| Cure Time.....                                     | 2-4 hrs.        |
| Volatile Organic Compounds.....                    | <50 grams/liter |
| Flash Point.....                                   | 212             |

#### TYPICAL PROPERTIES - Cured

|   |                          |
|---|--------------------------|
| Tensile, Set at 100 percent elongation..... | Nil                      |
| Tensile Strength, psi ASTM D-412.....       | 333                      |
| Elongation, percent ASTM D-412.....         | 162                      |
| Temperature Stability Range, °C (°F).....   | - 20 to 100 (-35 to 212) |

|  |                |
|--|----------------|
| Permeability <sup>1</sup> , perms ASTM E-96.....         | 7.76           |
| Accelerated Weathering, QUV, 5,000 hours ASTM G 154..... | No degradation |
| Flame Spread ASTM E-108.....                             | Class A        |

# Sil-X 7000

## Anti-Graffiti

ASTM-D 6578

Graffiti Resistance [Dimensionless];3 specimens; 1" Ø markings| Substrate smooth concrete

Coating cure 72h; markings cured for 24h Test @ 73±4°F & 50±5%RH

Notes: 1 – In accordance with ASTM D 6578: Standard Practice for Determination of

Graffiti Resistance, Cleanability levels are defined as "Graffiti was completely removed with: 1 – dry cotton cloth, 2 – 1% aqueous detergent solutions, 3 – citrus cleaner, 4 – isopropanol, 5 – MEK, or not cleanable."

### RESULTS

Solvent-Based Permanent Ink Marker, Blue 1 Solvent-Based Acrylic Spray Paint, Red 1

Solvent-Based Alkyd Spray paint, Red 1 Water Based Ink Marker, Black 1

### INSTALLATION:

Surfaces to be coated with Sil-X 7000 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-X 7000 Series. 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-X 7000 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-X 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.