

Data Sheet

Cool-Sil™ WC

Safety Yellow Walkway Coating



DESCRIPTION

Cool-Sil™ WC walkway coating is a one-component, moisture curing silicone rubber coating system designed to enhance the impact resistance of the roof surface and also provide a non-skid walking surface when used with Cool-Sil WG walkway granules.

APPLICATION

Surfaces to be coated with Cool-Sil WC walkway coating must be properly prepared. All surfaces must be clean, dry and free of loose particles. The coating should be applied by medium nap roller. For small touch-up work, a brush may be used. Recommended application rates are as follows:

- Walkway Areas – 25 mils (1.65 gal/sq.) of walkway coating with 40 lbs./sq. of walkway granules.
- Impact Resistant Areas – 40 mils (2.65 gal/sq.) of walkway coating with 60 lbs./sq. of walkway granules.

IMPORTANT: The walkway granules will settle into the walkway coating. Apply the granules generously and, within a few minutes, inspect the surface and re-apply as needed to obtain a continuous film of granules.

CLEAN UP

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

STORAGE & SHELF LIFE

Cool-Sil WC has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers in temperatures between 40°F and 80°F. refer to product packaging.

DATA & TESTING

As Supplied:	
Appearance	Safety Yellow
Solids Content	
Volume (ASTM D-2369)	95% (±2)
Weight	95% (±2)
Specific Gravity, at 77°F (25°C)	1.26
Tack-Free Time	1-2 hrs.
Cure Time	1-4 hrs.
VOC	<50 g/l
Flash Point	141°F
As Cured:	
Durometer Hardness, Shore A, points ASTM D-2240	37
Tensile Strength (ASTM D-412)	350 psi
Elongation (ASTM D-412)	174%
Permeability¹ (ASTM E-96)	10.7 perms
Tensile, Set at 100 percent elongation	Nil
Temperature Stability Range	-35°F to 212°F (-37°C to 100°C)
Accelerated Weathering, QUV, 5,000 hours (ASTM G 154)	Nodegradation
Flame Spread (ASTM E-108)	Class A
Packaging	5 gal pail

¹20 mils at 38°C (100°F) and 90 percent relative humidity



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