



70TR-YL Walkway System - Coating

Basic Uses & Description:

TotalRoof Walkway System 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 in conjunction with TotalRoof Walkway System Granules.

Packaging:

Packaged in 5 gallon pails.

Storage and Shelf Life:

TotalRoof Walkway System Coating has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°f and 80°f. Refer to product packaging.

Application:

Surfaces to be coated with TotalRoof Walkway System 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 (1.65gal/sq.) of TotalRoof Walkway System Coating with 40 lbs./sq. of TotalRoof Walkway System Granules.
- Impact Resistant Areas – 40 mils (2.65 gal/sq.) of TotalRoof Walkway System Coating with 60 lbs/sq. of TotalRoof Walkway System Granules.

IMPORTANT: TotalRoof Walkway System Granules will settle into the TotalRoof Walkway System 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.

Typical Properties

As Supplied:	As Cured:
Appearance.....Safety Yellow	Durometer Hardness, Shore A, points ASTM D-2240.....37
Solids Content,	Tensile Strength, psi ASTM D-412.....350
Percent by volume ASTM D-2369.....95(±2)	Elongation, percent ASTM D-412.....174
Percent by Weight95(±2)	Permeability ¹ , perms ASTM E-96.....10.7
Specific Gravity, at 25°C (77°F).....1.26	Tensile, Set at 100 percent elongation.....Nil
Tack-Free Time.....1-2 hrs.	Temperature Stability Range, °C (°F)..... - 37 to 100 (-35 to 212)
Cure Time.....1-4 hrs.	Accelerated Weathering, QUV, 5,000 hours
Volatile Organic Compounds.....<50 grams/liter	ASTM G 154.....No degradation
Flash Point.....141°F	Flame Spread ASTM E-108.....Class A
<i>¹20 mils at 38°C (100°F) and 90 percent relative humidity</i>	

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