



Tech Data Sheet

KOOLFLEX WALKGUARD KF-613 WALKWAY SAFETY COATING

Basic Uses & Description:

KF-613 KoolFlex WalkGuard: Walkway Safety Coating is a yellow, high-strength, and formulated specifically for designated walkways on silicone roof systems. Engineered for superior traction, flexibility, and adhesion. With 500% elongation and 1,000 psi tensile strength, WalkGuard protects traffic areas while preserving roof integrity.

High-Strength Silicone Protection:

Reinforced for pedestrian traffic, with 500% elongation and 1,000 PSI tensile strength to prevent cracking and preserve roof integrity.

Slip-Resistant Traction:

When mixed with EPDM granules (pre-mixed or broadcast) for superior grip and visibility in designated walk zones.

Compatible with Silicone Roofs:

Engineered specifically for walkways over silicone coatings where standard topcoats lack adhesion or durability.

Application:

SURFACE PREP:

All surfaces must be sound and free of frost, dirt, grease, oil, loose nails & screws, sharp protrusions, or other contaminants that will hinder the adhesion of the membrane installation. Clean loose dust and dirt from the surface by brushing or wiping with a clean, dry cloth brush or broom.

APPLICATION:

Mask of walkway with tape. Mix granules into coating using a drill mixer. Apply to designated walkway at a rate of 1 gallon per 17 square feet. Backrolling may be necessary.

If not pre-mixed, cast granules into walkway.

Do not thin this product. Thinning will affect performance and may coagulate the coating.

Handling & Storage:

WalkGuard has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°F and 100°F to prevent the product from freezing. Refer to product packaging.

Dispose of product in accordance with local, state or federal requirements.

Before the coating dries, clean hands, tools, and any spills with mineral spirits.

TEST PROPERTY	TEST VALUE
Appearance	Yellow
Weight per Gallon	10.5 lbs
Solids by Weight	>66%
Volume Solids	>59%
Tensile Strength	1000 PSI, Nominal
Elongation	500% Nominal
Hardness, Shore A	60
Cure Time	24-48 hrs @77°F & 50% relative humidity
Permeance	6.3 (@ 73.4 F / 50% Rh, Us Perms)
Application Temp	40°F - 120° F
Service Temp	-40°F - 200° F
VOC Content	<350 g/L

Packaging Sizes:

KF-613 KoolFlex WalkGuard is available in 5 & 3.5 gallon containers.

Disclaimer:

The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods. Refer to Kool Coats' Specification and Detail Guide for application requirements. Materials and methods should be adjusted as necessary to accommodate varying project conditions. Materials should not be installed when conditions are unacceptable to achieve the specified results.

Coverage:

Apply at 90 wet mils to achieve a 55 mil dry film.





Safety:

Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes. Use hand and eye protection when using this product. Wash with soap and water after contact with skin. If eye-contact occurs rinse with clean water and seek medical advice if symptoms continue.

Maintenance:

The life of the roof may be extended by regularly scheduled maintenance. A roof should typically be inspected at least twice a year. The roof immediately needs to be inspected following severe weather and extraordinary maintenance on roof-mounted equipment.

Weather Restrictions & Cure Time:

Apply only when ambient and surface temperatures are between 40°F and 120°F and rising. Do not apply when rain, dew, condensation, or freezing conditions are expected prior to skin formation. Cooler temperatures, elevated humidity, or limited airflow will extend cure times.

WalkGuard cures by moisture reaction and will skin over as atmospheric moisture is absorbed. Under standard conditions of 77°F and 50% relative humidity, the coating will typically become tack-free within several hours and achieve full cure in approximately 24–48 hours. Lower temperatures and dry conditions may slow cure, while higher humidity may accelerate surface cure.

Foot traffic should be avoided until the coating has sufficiently cured to prevent damage or tracking. Additional coatings or service traffic should not be allowed until the membrane has fully cured and developed adequate strength.

Limited Warranty Information:

Kool Coats offers a 10–20 year Material Warranty. A 10–20 Year Labor and Material Warranty is available for a fee. For warranty details contact your Kool Coats representative.

WARRANTY DISCLAIMER:

This product is warranted solely to the original purchaser. This warranty is non-transferable and shall not apply to any subsequent resale or transfer of the product. To obtain warranty service, the original purchaser must provide valid proof of purchase. Kool Coats makes no warranties, expressed or implied, beyond those stated herein and reserves the right to modify these terms at any time without notice.