

RoofKOTE™ DATA SHEET

WEATHER-RESISTANT SYNTHETIC RUBBER ROOF REPAIR & SEALING COMPOUND

RoofKOTE™ is a synthetic, elastomeric coating, specifically designed for repairing and sealing metal, wood, or rubberized cloth roofing materials of trailers, campers, trucks, buildings, etc.

RoofKOTE™ may also be used as a sealing compound to guarantee the seam integrity of riveted wall panels.

RoofKOTE™ cures at normal temperature to a firm, resilient rubber-like coating, possessing outstanding resistance to deterioration caused by weather, sun, aging, water, salt exposure, etc.

RoofKOTE™ has excellent adhesion to steel, aluminum, cloth, rubber, wood, glass and most construction materials.

RoofKOTE™ possesses excellent resilience and tensile characteristics over a wide temperature range.

RoofKOTE™ may be applied directly to surfaces, without the use of a primer or acid wash.

RoofKOTE™ will not peel or crack or degrade, even after years of exposure to harsh environments.

SURFACE PREPARATION

Surfaces to be coated or sealed with **RoofKOTE™** should be dry, clean, and free from all oil, grease, dirt, loose aggregate, old repair materials, and other contaminants.

MIXING INSTRUCTIONS

10 parts of **RoofKOTE™ Base Compound** is mixed with 1 part **RoofKOTE™ Curing Agent** (by weight), until completely uniform, and no traces of unmixed base compound or curing agent are visible.

APPLICATION

RoofKOTE™ may be applied using a brush or short napped paint roller, rubber squeegee or trowel. May also be thinned with Toluene for air or airless spray equipment (.020-inch orifice / 30:1), or for dip-coating small items.

TOOL & EQUIPMENT CLEANING

Equipment and tools for applying **RoofKOTE™** may be cleaned using Toluene, chlorinated solvent, or M.E.K. immediately after use or before material cures.

PACKAGING

RoofKOTE™ is packaged in 1-quart, 1-gallon, & 5-gallon kits, and 55-gallon drums.

Caution: Contains flammable mixture.

Do not use near extreme heat or open fire.

PHYSICAL PROPERTIES

APPLICATION

Base Compound Color White (tintable)
Curing Agent Color Yellow
Mixing Ratio (Base to Curing Agent by wt.) 10:1
Dry Film Thickness (DFT) 15-mil and greater
Coverage
 1-mil Theoretical 1500 sq.ft./gal
 15-mil Practical (thin) 20 sq.ft./qt or 80 sq.ft./gal
 30-mil Practical (average) 10 sq.ft./qt or 40 sq.ft./gal
Solid Content 85%
Consistency Rollable / Trowelable
*Usable "Pot" Life . . @ 2 Hours at 77°F/50% RH
Tack Free Time @ 20 Hours at 77°F/50% RH
Cure Time @ 72 Hours at 77°F/50% RH

*Can be extended with special "Retarders"

PERFORMANCE

Color Off-white / Beige (or custom)
Hardness 45 Shore A
Peel Adhesion: 100% Cohesive Break 25 lbs./inch
Tensile Strength/Elongation
 (initial) 200 psi/600%
 (>2 weeks at 160°F) 200 psi/450%
 (>8 wks TwinArc Weatherometer) 200 psi/350%
High Temperature Resistance 220°F
Low Temperature Flexibility -65°F
Exposure Resistance Excellent
 (Sunlight, Weather, Heat, Water, Salt Water, Gasoline, Oils, etc.)

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