

ROYAL OIL CO.

SPECIALTY LUBRICANTS

REX-ROC III

Re-surfacing Compound

Durable and Easy to Apply

Abrasion Resistant

Adheres to Multiple Surfaces

Quick Curing/Economical

No Offensive Odor

Three Part Mixture

“REX-ROC III is one of ‘those’ products. Users of REX-ROC III will settle for nothing less. From repairing warehouse floors to the internal metal wall of a grain chute, REX-ROC III is a miracle repair product and should be on hand at all times.”

REX-ROC III is now a three-part mixture. Epoxy resin, sandy aggregate, and an epoxy curing agent. These three parts come separate in each kit until the user mixes them together at the time of application. REX-ROC III is a concrete-like material for fast, easy, economical resurfacing and patching of wood, masonry, concrete, metal, and other surfaces. It may be used indoors or out on a rigid non-vibrating surface. REX-ROC III is abrasion resistant being difficult to grind away. Durability tests have shown REX-ROC III to be up to five times stronger than concrete while still being a very economical product.

APPLICATION

The rate of coverage of Rex-Roc III depends on the thickness of application and the condition of the floor. Under normal circumstances one gallon of Rex-Roc III covers:

5 square feet at 1/4 inch thickness

10 square feet at 1/8 inch thickness

A pitted floor will require more Rex-Roc. Regardless of the size of the indentations, it takes additional Rex-Roc to fill these spaces.

REX-ROC III

Product Specifications

Percentage Composition:	Without Curing Agent	With Curing Agent
Mineral Aggregate	86.5-87.5	82.8-83.8
Epoxy Resin	12.5-13.5	12.0-13.0
Curing Agent	---	3.7-4.7
Pigments	0.02-0.08	0.03-0.09

Life of Mixture: Rex-Roc is an exothermic setting compound designed to harden within 24 hours. A thoroughly mixed unit of Rex-Roc at 75 °F. has a “pot life” (usable application life) of one hour after mixing. The “pot life” increases at lower temperatures and also by spreading out in thin layers. After application, in a thin layer, Rex-Roc may be worked and surface finished for periods up to 1.5 hours from the time of mixing.

Curing Time: Atmospheric conditions and room temperature play an important part in curing time. Warm air, 70 °F. or above, provides reasonable curing times. Under such conditions, Rex-Roc cures sufficiently for light walking traffic within 12 hours. Complete curing (for maximum chemical resistance) can be expected in seven days. The curing time can be reduced at higher temperatures. Rex-Roc should not be applied at temperatures below 60° F. as curing is very slow at low temperatures.

Epoxy Resin: The epoxy resin is one of a group of epoxy resins derived from the reaction of bisphenol-A and epichlorohydrin. It shall conform to the following specifications:

Epoxide Equivalent Weight	185-196
Viscosity (cps at 25° C.)	12000-16000
Color, Maximum (Garner)	3
Specific Gravity (25/25)	1.16
Weight (lbs./gal.)	9.7
Flash Point, C.O.C, Min.	480° F

Curing Agent: The specifications for the modified liquid amido-amine curing agent are:

Equivalent Weight (approx.)	65
Viscosity (cps at 25° C.)	500-900
Flash Point, COC.	300° F
Specific Gravity	0.98
Weight (lbs./gal.)	8.2

Sharing lubricant knowledge and delivering the highest quality products, two things we promise our customers. The difference will change how you view, purchase and utilize greases and oils from here forward.

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PRINTED IN U.S.A. 2020
R10036

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