

ROYAL OIL CO.

SPECIALTY COATINGS

REX-ROC

Re-surfacing Compound

Incredibly Durable

Abrasion Resistant

Adheres to Multiple Surfaces

Quick Curing/Economical

Easy to Apply

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

REX-ROC is an epoxy resin based, concrete-like material for fast, easy, economical resurfacing and patching of wood, concrete, metal and other surfaces. It may be used indoors or out on a rigid non-vibrating surface. REX-ROC contains small mineral aggregate granules and is a two component system. One containing a modified liquid amido-amine curing agent, the other a blend of aggregate, pigment and epoxy resin. When mixed for use, REX-ROC is of troweling consistency.

APPLICATION

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

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 quickly. 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

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842 N. Main St.
Fort Worth, TX 76164
(800) 332-1926
sales@royaloilus.com
www.royaloilus.com

