

KUREZ RC

REMOVABLE CURING COMPOUND

DESCRIPTION

KUREZ RC is a concrete curing compound that can be easily removed from concrete surfaces any time after application. Unlike curing compounds that use “dissipating” technology, exposure to UV light, traffic, and a long dissipation time are not required to facilitate removal of KUREZ RC. Using its companion cleaner KUREZ RC-off, KUREZ RC can be easily cleaned from the concrete whenever the construction schedule dictates removal. Using the KUREZ RC and KUREZ RC-off system provides scheduling flexibility and puts floors into service faster, which equals a bottom line cost savings to both the construction team and facility owner.

PRIMARY APPLICATIONS

- Interior concrete floors that require quick removal of the curing compound
- Concrete floors to be sealed, coated, or covered
- Warehouse and distribution center floors
- Retail and commercial floors

FEATURES/BENEFITS

- Ensures proper moisture retention of new concrete, resulting in stronger, more durable slabs
- Easy to apply with conventional spray equipment
- Can be removed at any time with KUREZ RC-off
- Low odor, fast drying formulation
- No residue after removal - allows for hassle-free installation of floor coverings and coatings

TECHNICAL INFORMATION

PROPERTY	RESULT
Solids Content, %	18 - 22
VOC Content, g/L (lb/gal)	270 (2.2)
Moisture Retention, ASTM C 156 (kg/m ²)	less than 0.55
Physical Appearance	white to yellow opaque liquid
Unit Weight, lb/gal (kg/L)	8.3 (0.98)
Viscosity, cps	150 - 300
Drying Time @ 70°F (21°C)	1 hour

Properties shown were determined at laboratory conditions of 70°F (21°C).

PACKAGING

KUREZ RC is packaged in 55 gal (208 L) drums and 5 gal (18.9 L) pails.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- AASHTO M 148, Type 1, Class A & B
- USDA compliant



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COVERAGE

Coverage of KUREZ RC is 300 - 400 ft²/gal (7.4 - 9.8 m²/L), depending on surface texture and porosity. Do not apply heavier than recommended, as thick or uneven application can make removal difficult.

DIRECTIONS FOR USE

Surface Preparation: As soon as possible after final troweling (or stripping of forms in vertical applications), and following cutting of floor joints, apply KUREZ RC at the recommended coverage rate. There should be no bleed water on the surface at the time of application.

Mixing: Stir well before use to ensure a uniform consistency.

Application: Apply with uniform coverage by spray or roller. Product may be sprayed with a hand held pump-up sprayer or an airless industrial sprayer. When spraying, backroll overlap areas to eliminate heavy streaks of product. Do not apply thicker than the suggested coverage rates allow. Heavy or uneven application can result in difficult removal of KUREZ RC.

After KUREZ RC has been applied and before removal, the floor must be kept dry. Ideally, the concrete will be under roof when the KUREZ RC is applied. Do not allow water to stand or puddle on KUREZ RC. Allowing standing or puddled water to dry on KUREZ RC may result in difficult removal.

Removal: When the construction schedule dictates, KUREZ RC can be easily removed with KUREZ RC-off. KUREZ RC and KUREZ RC-off is a system formulated to be used together - other detergents, cleaners, or strippers will be ineffective at removing KUREZ RC. Remove construction debris and "open" the KUREZ RC surface by dry sweeping with stiff bristle brushes affixed to a floor scrubbing machine. Brushes or pads with grit may be beneficial.

Before using, dilute KUREZ RC-off at a ratio of 1 part KUREZ RC-off to 4 parts water by volume. Spray the diluted KUREZ RC-off onto the concrete surface at 300 ft²/gal (7.4 m²/L). Allow the KUREZ RC-off solution to dwell on the concrete for 30 minutes, adding more diluted KUREZ RC-off if necessary to keep the floor wet during the entire dwell time. A wet scrub with a stiff bristle brush or open pad on during the dwell time will facilitate the removal process. After the dwell and wet scrub, follow with a second scrubbing pass. Remove all excess KUREZ RC-off solution from the surface, then rinse the floor with clean water. Inspect for complete removal of the KUREZ RC. If residue remains, repeat the entire process above.

Allow the concrete to dry completely after the clean water rinse, in accordance with the project specification, before applying a sealer, coating, or installing flooring materials.

CLEAN-UP

Clean tools and equipment with warm, soapy water before KUREZ RC dries.

PRECAUTIONS/LIMITATIONS

- Do not allow containers of this product to freeze.
- Store between 40°F to 100°F (4°C to 38°C).
- For best application results, product temperature should be between 50°F to 90°F (10°C to 32°C) with ambient and surface temperatures between 45°F to 100°F (7°C to 38°C).
- Do not apply at temperatures below 40°F (4°C).
- Do not use as bond breaker for tilt-up construction.
- Do not subject to rain or other sources of water after application.
- Do not thin this product with water or other solvents.
- In all cases, consult the Material Safety Data Sheet before use.

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