



COLOR POWDER RELEASE

TECHNICAL DATA

DESCRIPTION:

REDECKIT COLORED RELEASE AGENT is a ready to use dry shake bond breaker and moisture retainer, used when imprinting REDECKIT TEXTURE MATERIAL with stamping tools.

REDECKIT COLORED RELEASE AGENT is a blend of colored pigments and other proprietary ingredients that produce a STREAK-FREE and STICK-FREE release of the stamping tools from the material, and retains surface moisture, preventing rapid moisture.

REDECKIT COLORED RELEASE AGENT is used to create unique coloring and antiquing effects in the surface.

REDECKIT COLORED RELEASE AGENT is not the primary coloring agent; it enhances or antiques the color already mixed in with material.

REDECKIT COLORED RELEASE AGENT is chemically neutral and does not require any part of the material to produce its release. Color release is also inorganic and does not retard the hydration of such.

LIMITATIONS:

The color of concrete is a function of the base ingredients: Fine aggregate, coarse aggregate, water and cement. Clean washed aggregates have some effect on concrete color, but less effect than the water and cement. However, the greatest contributing factor to concrete color is the water/cement ratio. Contributing factors to changes in water/cement ratio are:

1. Absorption by formwork or sub-grade.
2. High concentrations of Calcium Hydroxide found in sand, water and cement in varying quantities (pozzolans consume excess calcium)

- migrate to the surface in the form of efflorescence.
 - 3. Over working the surface
 - 4. Rapid moisture loss at the surface caused by wind, elevated temperatures or sunlight.
 - 5. Poor workmanship in finishing, coloring, texturing, mat removal, curing, or scaling or even slight variations in the water/cement ratio can produce drastic color variations.
- . The color produced by the Release agent may vary from that of the underlying concrete color.) The amount of antiquing required will vary significantly depending upon the anticipated final appearance. Antiquing release agents are not to be used as a prime coloring agent, only as a secondary antiquing. The release agent should not be troweled into the surface, as this will cause permanent staining.

MATERIALS:

REDECKIT COLORED RELEASE AGENT is a streak-free blend of color pigments and other proprietary components for exceptional release and bond breaking characteristics.

APPLICABLE STANDARDS:

The coloring materials in REDECKIT COLORED RELEASE conform to ASTM C 979 for color stability. Professional concreting standards and practices, including those published by the American Concrete Institute (ACI) and the Portland Cement Association (PCA), should be followed.

DIRECTIONS FOR USE

Surrounding areas should be protected. The work area should be roped off and nearby vehicles

removed. When placing material, spread so that it completely fills all space inside the forms. Refer to Texture Material on application.

Apply REDECKIT COLORED RELEASE AGENT directly on colored material and DO NOT trowel the surface. Immediately before imprinting, the REDECKIT COLORED RELEASE AGENT should be broadcast onto the freshly placed colored material at the approximate coverage rate of 3-4 pounds per 100 sq. ft. where it forms a bond breaker that helps prevent the imprinting tools or texture rollers from sticking to the surface. The surface should never be troweled after the REDECKIT COLORED RELEASE AGENT has been applied.

REDECKIT COLORED RELEASE AGENT is a moisture retainer which allows only minute amounts of water of hydration to evaporate,

After the material has reached sufficient strength, the non-embedded release agent should be removed by using a garden hose and a mild solution of muriatic acid and water. A medium bristled brush used in a circular motion can be used until the desired effect is reached. Runoff should be controlled. After removal of release, the surface should be sealed with REDECKIT CLEAR SOLVENT SEALER. To protect the antiquing appearance, the surface should be sealed with two coats of REDECKIT clear sealer. When sealed the color of antiquing release agent intensifies. The techniques to produce the desired effect should be determined by job site samples.

COVERAGE RATES: 500 SQUARE FEET PER PAIL

SHELF LIFE: Unrestricted when kept in a dry place. REDECKIT

COLORED RELEASE AGENT
must be stored in a dry place.
AVAILABILITY: **REDECKIT**
**Release Agents are available in
4 different color options.** See
Color Chart or Website for color
selections.

WARRANTY:

Stampcrete warrants that this
product will be free from defects
and will perform as represented in
writing provided application of
product is in accordance with
manufacturer's recommendations
and application instructions.
REDECKIT will refund the
purchase price of any product
proven defective, but shall in no
way be liable for indirect,
consequential, special or resultant
damaged, whether due to breach
of warranty or negligence.
REDECKIT makes no guarantee
or warranty express or implied,
including without limitation,
warranties of fitness or
merchantability, with respect to this
product.

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