



RELEASE AGENT

TECHNICAL DATA & INSTRUCTION GUIDE

PRODUCT DESCRIPTION AND USE

Kingdom Products' Release Agent is a premium grade formula designed for professional use with decorative concrete. It is essential for keeping texture mats from adhering to the surface of wet concrete, and also for antiquing the slab with a second highlight color. Several colors may be used together to produce more of a unique, custom result. The pigments in Kingdom Products' Release Agent are UV stable and will not fade over time, even with direct sun exposure. For textured concrete, use in conjunction with Kingdom Products' Antique Color Hardener for excellent results.

PREPARATION

Kingdom Products recommends that a representative sample be done and approved prior to all projects. Before applying Kingdom Products Antique Release Agent, protect the surrounding area as well as at time of removal to ensure color does not affect areas not meant to receive color.

CONCRETE SPECIFICATION

Use a concrete mix design that meets the specifications of the job. DO NOT use any concrete chloride admixtures! All aggregates should be non-reactive and free of deleterious material. Recommended slump is 4 - 4 1/2 inches. Kingdom Products' Release Agent may be used with the following admixtures with no adverse effect: delayed set/retarders, water-reducers, air entrainment, integral iron oxide pigment.

APPLICATION

Material settles during transport, so before using, fluff the material with a gloved hand. When using more than one pail, material should be mixed together especially if they are from different lot or batch numbers. Immediately prior to stamping, broadcast Kingdom Products' Antique Release Agent across the surface at a rate of 700– 1000 square feet. After applying release agent, do not bull float or attempt to perform any finishing operations after application. Prior to use of texture mats, it is also suggested that you apply a dusting of Release Agent powder to the textured side of your mats (skins). Proceed with use of texture mats or skins. After completion, allow the release agent to remain on the surface untouched for 2 –3 days. During this time, the release agent will aid in curing the concrete and provide a barrier against light precipitation as its hydrophobic properties will repel water. Several days later, remove the excess release agent with a hose and broom or bristle brush. Allow to dry completely and apply a clear curing and sealing compound such as a KD-100 or KINGDOM CURE Sealer. Note: If using a non-breathable sealer you must wait the full cure time of concrete of 28 days. Do not cover col

SEALING

Sealing is highly recommended for all decorative concrete. After Kingdom Products' Antique Release Agent is washed off and surface is completely dry, apply Kingdom Cure High Gloss sealer or Kingdom Products KD-100 Waterbase Low Gloss Sealer. A cure time of 28 day cure time is necessary if the sealer of choice is NOT a Cure and Seal, ie. Kingdom Products Regal Gloss is recommended for a high gloss, wet-look or Kingdom Products Aqua Pella, waterbase penetrating sealer.

COVERAGE

Coverage can vary depending on various factors such as job condition, application technique, timing and other conditions. On average, coverage per 30 lbs pail is 700 to 1000 sq feet.



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Technical Data & Instruction Guide Continued...

SAFETY PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Please read Material Safety Data Sheet and Warranty. prior to use. Product contains Portland cement. Avoid contact with skin and eyes. Avoid breathing dust by wearing a respirator when working with release agent. Wear gloves and safety eyewear. Be sure to wash skin and clothes as soon as possible after use.

STORAGE AND HANDLING

Keep in a cool, dry location in a tightly sealed container. Keep away from acids, oxidizers, and heat sources. Do not expose to temperatures above 120°F. Shelf life is approximately 12 - 36 months in properly stored containers.

LIMITATIONS

Kingdom Products' Release Agent is not intended for vertical surfaces. It is designed to be applied over freshly placed concrete.

WARRANTY

WARRANTY: Kingdom Products Antique Release Agent is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the application or use of the product, therefore, makes no warranty, express or implied, as to the effects or results of such use. The manufacturer's obligations are limited to a refund of the purchase price or replacement of material proven to be defective. The end user takes sole responsibility for determining appropriate use of the product and assumes all risks and liability.

AVAILABLE COLORS:

Item No:	Color	Item No:	Color:	Item No:	Color:	Item No:	Color:
RA-100	Coal	RA-500	Cayenne	RA-810	Espresso	RA-1075	Thistle
RA-200	Granite	RA-515	Spice	RA-825	Cypress	RA-1080	Wheat
RA-250	Seashell	RA-525	Rosewood	RA-1010	Taupe	RA-1090	Khaki
RA-300	Chocolate	RA-550	Firebrick	RA-1015	Fawn	RA-1820	Sage
RA-310	Hazelnut	RA-600	Battleship	RA-1030	Vanilla		
RA-320	Saffron	RA-615	Aluminum	RA-1040	Tumbleweed		
RA-325	Fennel	RA-625	Alabaster	RA-1045	Olive		
RA-350	Pecan	RA-650	Prussian Blue	RA-1050	Mushroom		
RA-375	Maple	RA-700	Spanish Tile	RA-1055	Copper		
RA-400	Cocoa Bean	RA-735	Golden Honey	RA-1070	Toffee		

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