



Perma-Cast® & Select Grade™ Antiquing Release, & Perma-Tique™

**PERMA-CAST® ANTIQUING RELEASE AND SELECT GRADE™ ANTIQUING RELEASE**

This color chart is used for selecting colors for Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release products. When selecting colors indicate the Perma-Cast® Antiquing Release color (shown below as R#) or Select Grade™ Antiquing Release color (shown below as SGR#).

Perma-Cast® Antiquing Release or Select Grade™ Antiquing Release is dusted over the surface of freshly colored concrete flatwork before stamping or texturing. The release powder prevents the tool from sticking to the concrete surface during installation and provides a secondary accent of colors.

Tamping the stamping tool embeds the colored release powder in the textured surfaces of the concrete. Upon washing and sealing, the contrast in color between the underlying concrete and the release powder, creates a visually attractive, antiqued look on the concrete. The added release color also enhances the depth of texture for a more natural and realistic finish.

The amount of release agent retained on the concrete will vary with job site conditions. The resulting colorations will range between the concrete color and that of the antiquing release powder. The surface must be sealed and maintained to preserve its antiqued appearance over time.

**PERMA-TIQUE™**

This chart can also be used when selecting colors for the Perma-Tique™ antiquing system. When selecting colors indicate the Perma-Tique™ color (shown below as PT#). Perma-Tique™ is used to add an accent color to unsealed hardened textured concrete and overlaid textured surfaces. Please refer to the Perma-Tique™ antiquing agent Technical Data Sheet for additional information. The Technical Data Sheet is available at [www.butterfieldcolor.com](http://www.butterfieldcolor.com)

*Please indicate when ordering*

- Perma-Cast® Antiquing Release: **R#**
- Select Grade™ Antiquing Release: **SGR#**
- Perma-Tique™: **PT#**



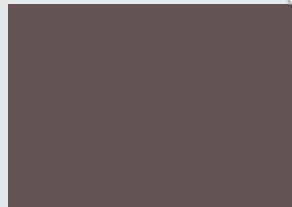
R23/SGR23/PT23 Smoke



R12/SGR12/PT12 Storm Gray



R13/SGR13/PT13 Deep Charcoal



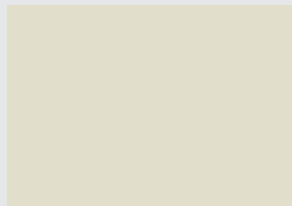
R11/SGR11/PT11 Gray Plum



R28/SGR28/PT28 Slate Gray



R26/SGR26/PT26 Cape Cod Gray



R32/SGR32/PT32 Bone



R24/SGR24/PT24 French Cream



R29/SGR29/PT29 Wheat



R22/SGR22/PT22 Arena Buff



R25/SGR25/PT25 Colina Tan



R14/SGR14/PT14 Walnut



R19/SGR19/PT19 Russet



R15/SGR15/PT15 Brick Red

Many things can affect the appearance of color. For best color matching results, a representative job site sample should be cast using materials from the project location.

Colors shown on this chart represent the color of the release powder. When the release powder is applied to colored concrete and stamped, the two colors will combine and create variations of color. The amount of release color retained after washing will also vary depending on the condition of the concrete when it was stamped.

# Perma-Cast® Antiquing Release, Select Grade™ Antiquing Release, & Perma-Tique™ Coloring System Guide



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## The Butterfield Color Advantage

Color and durability are the very essence of Butterfield Color. With over 40 years of field experience in architectural colored concrete, we offer a line of concrete color additives that are technically superior and meet the needs of the architectural specifier as well as the concrete finisher.

**FOR PROFESSIONAL USE ONLY:** Read all applicable and current product information for your project: Technical Data Sheet (TDS), Color Chart, Installation Guide, Material Safety Data Sheet (MSDS). All information is available for download online at [www.butterfieldcolor.com](http://www.butterfieldcolor.com)

MasterFormat™ Guide Specifications, and Butterfield Color Architectural Details and Specifications are available for the specifier/designer. All information is available for download online at [www.butterfieldcolor.com](http://www.butterfieldcolor.com)

**Description:** Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release are colored powder bond breakers used with stamping mats, texturing skins and texture rollers. The products provide accent colors that compliment or contrast with the underlying concrete surface. Additionally, it enhances the transfer of the detailed pattern and texture, and prolongs the surface life of the stamping mat or texturing tool. It is compatible with integrally colored concrete, color hardened concrete and stampable cementitious overlays.

Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release are finely ground, streak free powders that are a blend of UV-resistant pigments and water repelling additives. Broadcast Perma-Cast® Antiquing Release or Select Grade™ Antiquing Release over the concrete surface prior to placing the stamping or texturing tools. As the imprinting tool is pressed into the plastic concrete surface, a portion of the antiquing release is embedded into the textured surface of the concrete. When the tool is removed, it breaks cleanly, without marring the colored concrete surface. Upon washing and sealing, the difference in color between the base concrete and the release creates a visually attractive, antiqued look on the concrete. The added color visually enhances the depth of the texture. The amount of release agent retained on the concrete will vary. Use a Perma-Cast® Antiquing Release or Select Grade™ Antiquing Release color that matches or contrasts with the concrete color. Add a combination of colors to create interesting shading and highlights on the finished concrete surface.

Perma-Cast® Antiquing Release is available in 14 standard colors (R#), as well as colors selected from the Perma-Cast® Color Hardener Color Chart. The release colors formulated from Perma-Cast® Color Hardener colors will not be an exact match to concrete colored with those shake-on colors. Custom colors and color matching are available with ample lead-time, without up charges or minimums.

**Select Grade™ Antiquing Release is only available in 14 standard colors (SGR#). Custom colors and color matching are not available.**

**Limitations:** Do not use Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release on the same installation. Unacceptable color and texture variations may occur. Do not use Perma-Cast® Antiquing Release or Select Grade™ Antiquing Release as the primary coloring agent. Do not trowel or float the concrete surface after the release powder is applied. Do not use as a curing compound. Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release will produce variegated colors and is a function of concrete mix design, timing, method of application and removal, method of imprinting, and weather.

Avoid over application, which may minimize the depth of texture. Cover and protect adjacent surfaces from contamination during application and residue removal. Consider using Perma-Cast® Clear Liquid Release if contamination is a concern, particularly on interior applications or when imprinting cementitious overlays.

Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release is retained on the surface by a mechanical bond. A sealer application is required to enhance the longevity of the antiqued coloration.

**Packaging:** Perma-Cast® Antiquing Release and Select Grade™ Antiquing Release are packaged in plastic pails. Shelf life is indefinite when stored in original, unopened containers, in dry storage.

### Coverage:

Perma-Cast® Antiquing Release - approximately 3 pounds/100 square feet (1.5-2.0 kg/10 m<sup>2</sup>).

Select Grade™ Antiquing Release - approximately 3-4 pounds/100 square feet (1.5 kg/10 m<sup>2</sup>).

**Quality Control:** Cast a job site sample at least 21 days prior to the installation for approval of color and finish. Utilize all materials, tools, and techniques from the actual job in the mock-up. Consistent batching, pouring, finishing, curing, sealing, and preparation techniques, will ensure the uniformity of architectural concrete. Verify adequate wet and dry slip resistance. Verify maintenance requirements. Site visits by Butterfield Color, Inc. Personnel are for making technical recommendations only and not for supervising or providing quality control.

**Perma-Tique™:** Perma-Tique™ antiquing agent is used to antique unsealed hardened textured concrete and overlaid textured surfaces. Perma-Tique™ mixes with water and is applied to the concrete surface to add a natural antiquing color to newly textured concrete, overlays or old weathered textured surfaces.

**LIMITED WARRANTY AND DISCLAIMER – EXCLUSIVE REMEDY:** Butterfield Color, Inc. (“BC”) warrants that this product conforms to its published specifications when it is shipped. THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY AND THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. BC does not warrant any particular method of use or application of the product or its performance under any particular condition. If this product does not conform to its published specifications when shipped, we will replace the product as your exclusive remedy. Any action for breach of the limited warranty or any other liability arising from this product must be brought within 90 days of receiving the product. BC is not liable for consequential damages or personal injury arising from the use, storage or handling of this product.

## FOR PROFESSIONAL USE ONLY

Before using or handling this product, read the entire:

- Perma-Cast® Antiquing Release, Select Grade™ Antiquing Release, & Perma-Tique™ Technical Data Sheet
- Perma-Cast® Antiquing Release, Select Grade™ Antiquing Release, & Perma-Tique™ MSDS
- Perma-Cast® Antiquing Release, Select Grade™ Antiquing Release, & Perma-Tique™ Directions for Use

For the most current documentation on this product visit us online at:

[www.butterfieldcolor.com](http://www.butterfieldcolor.com)

**Cautions:** Use with adequate ventilation. Applicators and all other onsite personnel must wear an OSHA-NIOSH approved dust respirator while applying or working around this product. Avoid contact with skin and eyes. Wear rubber gloves to protect skin and safety eye goggles. Close containers after each use. Use good hygiene when handling this product. Wash and bathe after each use. Dispose of all residual material in accordance with local, state, and federal regulations. Read the Material Safety Data Sheet (MSDS) before handling and using product. Do not take internally. **KEEP OUT OF REACH OF CHILDREN AND ANIMALS.**

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a complete line of quality

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