

Perma-Tique™ Antiquing Agent

Technical Data Sheet BCT-0412

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 and at point of purchase.

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 and at point of purchase.

1. Description: Perma-Tique™ Antiquing Agent is a proprietary blend of powders. When Perma-Tique™ Antiquing Agent is mixed with water and properly applied to a stamped concrete surface, it will impart a secondary color to the surface visually enhancing its texture. Perma-Tique™ Antiquing Agent can be applied to hardened newly stamped concrete, unsealed existing stamped concrete and T1000™ Stampable Overlay. Perma-Tique™ Antiquing Agent is inventoried in 14 standard colors that can be found on our Perma-Cast® and Select Grade™ Antiquing Release color chart. Custom colors can be made with ample lead time and a nominal fee.

2. Limitations: Perma-Tique™ Antiquing Agent is designed for use on stamped textured surfaces and should not be used on untextured surfaces. All preparation guidelines must be followed. Perma-Tique™ Antiquing Agent should only be applied in ambient temperatures of 50°-90°F (10°-32°C). Any existing concrete which has been sealed must have sealer removed prior to application. New concrete or stampable overlay must have the Butterfield Color® Clear Liquid Release washed off before application. Perma-Tique™ Antiquing Agent must be sealed and sealer must be maintained to last.

3. Packaging: Perma-Tique™ Antiquing Agent comes in a 1 gallon plastic container filled with 3 lb. of powder.

4. Coverage:
 Perma-Tique™ Antiquing Agent:
 2,000-3,000 sq. ft. per 3 lb. of powder.

5. Preparation: When applying over recently poured concrete or overlay, a mild acid wash is recommended to remove any residual release agent and open up the surface to accept Perma-Tique™ Antiquing Agent. Acid wash should be 10 parts water to 1

part muriatic acid. If the base color of the concrete or overlay is white or a very light color, use Butterfield Color® CHO™ Cleaner in place of muriatic acid. Follow directions on the Elements™ Transparent Concrete Stain Technical Data Sheet (refer to section 6, paragraph 2). All information is available for download online at www.butterfieldcolor.com and at point of purchase. When rinsing off acid solution or CHO™ Cleaner the surface of the concrete should be neutralized using ammonia or baking soda in rinse water. Make sure that the concrete or overlay has gained sufficient strength so that the washing does not damage the surface. Existing concrete surfaces must be profiled to recommended ICRI CSP-1 profile. The surface must be free of grease, oil residue, curing or sealing compound residue, and any other potential bond breakers.

6. Mixing and Application: Add 3/4 cup (6 oz.) of Perma-Tique™ Antiquing Agent per gallon of clean potable water in a plastic vessel that leaves adequate room for mixing. Mix vigorously with drill and mixing paddle until all the powder has been incorporated into the water. Transfer solution into a pump up sprayer and apply an even coat to the surface. Perma-Tique™ Antiquing Agent may also be applied by soft bristle brush. During application keep the material agitated to avoid settling in the container. Once the surface has been coated, the solids in the Perma-Tique™ Antiquing Agent will settle and concentrate in the low areas, giving a natural accent color to the textured surface. Some areas may initially have a white appearance but over time the white will disappear. Some concrete and overlays are more absorbent than others. It may be necessary to moisten the surface, leaving no puddles, before adding the Perma-Tique™ Antiquing Agent to keep it from drying out before the solids have set-

led. Perma-Tique™ Antiquing Agent must be sealed to maintain longevity.

Note: The amount of Perma-Tique™ Antiquing Agent added to water can be increased or decreased depending on the amount of antiquing that you desire. The maximum amount of Perma-Tique™ Antiquing Agent that can be used is 1.5 cups per gallon of water.

7. Sealing: Perma-Tique™ Antiquing Agent must be sealed to maintain longevity. Perma-Tique™ Antiquing Agent can be sealed with the following sealers: Clear Guard® Cure and Seal, Clear Guard® PRO 350™ Cure and Seal, or Clear Guard® H₂O Wet Look. Follow all recommended application procedures as detailed in the Technical Data Sheet and Material Safety Data Sheet that corresponds to the sealer you are using. All information is available for download online at www.butterfieldcolor.com and at point of purchase. A slip resistant additive must be added to the sealer if the concrete surface is not adequately textured to provide slip resistance.

8. Maintenance: Periodically inspect surfaces for wear or damage. For maximum coating life and performance, wipe up all spills as soon as possible. Remove abrasive debris by sweeping or vacuuming. Do not drag, drop, or place sharp edges on sealed surfaces. Periodic washings with mild detergents will help maintain the surface luster. Do not use solvent or acid based cleaning materials for general cleaning. All concrete curing and sealing compounds will eventually exhibit the effects of weathering and abrasion. If the sealer is becoming worn or has become worn it should be recoated.

Prior to recoating, the surface must be clean, dry, free from cleaning product residue or other contamination, or



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loose materials, which will affect the adhesion of the seal. When recoating, a slip resistant additive must be added to the sealer if the concrete surface is not adequately textured to provide slip resistance.

9. Quality Control: Cast a job site sample at least 10 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. Discuss maintenance requirements. Site visits by Butterfield Color, Inc. Personnel are for making technical recommendations only and not for supervising or providing quality control. Maintenance requirements should also be discussed.

WARNING: HARMFUL IF INHALED. THIS PRODUCT CONTAINS SILICA (CRYSTALLINE QUARTZ) AND PORTLAND CEMENT. DO NOT

BREATHE DUST. PROLONGED EXPOSURE CAN RESULT IN SILICOSIS. USE WITH ADEQUATE VENTILATION. PORTLAND CEMENT IS IRRITATING TO EYES AND SKIN AND MAY CAUSE ALKALI BURNS. ALWAYS USE PROTECTIVE GLASSES, GLOVES AND DUST MASK (NIOSH/MSHA TC 21C APPROVED). IMMEDIATELY AFTER USE WASH ANY AREA OF EXPOSED SKIN. IF CONTACT IS MADE WITH EYES FLUSH THOROUGHLY WITH WATER, DO NOT RUB. IF INHALED, MOVE TO FRESH AIR. IF SYMPTOMS DEVELOP OR PERSIST, OR IF INGESTED, SEEK MEDICAL ATTENTION. **DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.** DISPOSE OF ALL RESIDUAL MATERIALS ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS. READ THE MATERIAL SAFETY DATA SHEET BEFORE USING OR HANDLING THIS PRODUCT. ALL INFORMATION IS AVAILABLE FOR DOWNLOAD ONLINE AT WWW.BUTTERFIELDCOLOR.COM

AND AT POINT OF PURCHASE.

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