

BRICKFORM

COLOR HARDENER

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PRODUCT DESCRIPTION

Brickform Color Hardener is an engineered blend of pigments, portland cement, and fine aggregates, used to color the surface of newly placed concrete. Color Hardener is designed to work with imprinting tools to produce clear, sharp impressions that enhance the finished appearance of any new hardscape. Color Hardener can be used to create opaque finishes or as a complementary color to integrally colored concrete. When properly applied and troweled into newly placed, fresh concrete, it forms a colored concrete surface that is resistant to weathering, wear, and normal abrasion.

USES

Brickform Color Hardener is used in the construction of new concrete flatwork and floors. It can be troweled and broomed, or imprinted, using Brickform Texture Mats and Brickform Liquid Release. Create the look of expensive materials such as tile, brick, or quarried stone by using a powdered release like Brickform Antique Release, in a contrasting color. The color-hardened surface can also be stained, with Brickform Blush-Tone Acid Stain, Artesian Water-Based Stain or Antique-it.

FEATURES

- Non-Fading
- Can be antiqued and stained
- Hardens the concrete surface
- Extensive color palette
- Improves abrasion resistance

COVERAGE RATES AND PACKAGING

- Available in 60-pound (27.21 kg), moisture-resistant, 5 gallon buckets.
- For most applications, Brickform Color Hardener should be applied at the rate of 60 pounds (27 kg) per 120 ft² (11.15 m²). Lighter colors generally require a heavier application of up to 60 pounds (27 kg) per 90 ft² (8.36 m²).
- Available in 42 Standard Colors - Including Black and White

STORAGE & SHELF LIFE

Store in a cool, dry place. Keep containers tightly sealed. Shelf life is approximately 3 years if the package remains sealed in the original plastic bucket and is not opened, cracked, damaged, or subjected to extreme conditions.

USE & APPLICATION

PRECAUTIONS:

Brickform strongly recommends jobsite samples or mockups with these products. Individuals who will be performing the work should use the specified materials, as well as the finishing and curing techniques that will be used on the project. Brickform Color Hardener is for use only with freshly poured, still-plastic, concrete surfaces. Before applying Color Hardener, protect all surrounding areas to reduce the possibility of staining during application. Brickform recommends using the same lot numbers OR mixing buckets of the same color from different

lot numbers. The concrete should be designed to meet the strength and finishing requirements of the project with a minimum cement content of 5 1/2 sacks per cubic yard (.765 m³) and a maximum slump of 4 inches (10.10 cm). Brickform Color Hardener is compatible with most water-reducing, set-retarding, and air-entraining concrete admixtures. Avoid using admixtures containing calcium chloride, or the addition of calcium chloride in any form, to the concrete for acceleration during cold weather. All fine and coarse aggregates must be non-reactive and free of deleterious material. The subgrade must be uniformly graded, compacted, and moistened, but free of standing water. Avoid placing concrete over soft, frozen, or muddy spots. Follow professional standards and practices, including those published by the American Concrete Institute (ACI). Please obtain a copy of the appropriate Technical Information Sheet and SDS for each product before attempting to use.



APPLICATION:

Prior to application of Color Hardener fluff material by hand using protective gloves as the material may have compacted during transportation. Apply Brickform Color Hardener after the concrete has been placed, screeded, floated, and excess bleed water has disappeared from the concrete surface. Brickform Color Hardener should be applied in two applications. Apply approximately 75-80% of the color hardener by hand or with a mechanical spreader at the recommended coverage rate to the surface. Allow the moisture in the concrete to wet out the color hardener and begin to work the color hardener into the surface using a wood, resin or magnesium float. When finished floating, apply the remaining 20-25% of material to the surface paying specific attention to the light areas. Allow the moisture in the concrete to wet out the color hardener, and re-float the concrete color hardener as recommended above to produce a uniform color. Once both applications of Color Hardener have been applied and floated, the concrete can be finished as specified. Maintain consistent finishing techniques and avoid hard troweling for the most uniform color results. If using a power trowel to finish the surface, utilizing resin blades will help to minimize discoloration. Over-troweling concrete by hand or with a machine will discolor the concrete. If brooming, use a soft to medium broom only. Heavy brooming or brooming too early can expose the grey concrete below. Additional water should not be applied to the concrete surface during finishing. Brickform Day 1 Finishing Aid is recommended to aid in the finishing process.

CURING & SEALING

Brickform Cure & Seal or Sealers can be applied in accordance with the chosen product guidelines and surface preparation. Once sealed, protect the surface from foot traffic for 24 hours and vehicular traffic for 5 days.

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MAINTENANCE

The sealed surface should be inspected periodically for areas of thin or traffic-worn sealer. Brickform recommends the reapplication of sealer as needed. If traces of efflorescence are present, this should first be eliminated with a gentle cleaner such as Brickform E-Etch. Brickform recommends the application of Premium Acrylic Floor Finish as a sacrificial coating on interior surfaces, reapply as needed.

RECOMMENDED TOOLS & CLEAN UP

- Concrete Finishing Tools
- Clean tools and equipment with soap and water

COMPLEMENTARY PRODUCTS

- E-Etch - Cleaning and etching agent, efflorescence removal
- Neutra Clean - Cleaning and neutralizing agent
- Brickform Sealers
- Day 1 Finishing Aid

SAFETY & PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Avoid contact with eyes and skin. When working with or near this product, all personnel must wear MSHA-NIOSH approved respirators (refer to OSHA standards in 29 CFR 1910.134). Prolonged, unprotected exposure may result in non-reversible Silicosis or Lung Cancer. Avoid inhalation and use local exhaust to keep exposures below OSHA PELs for silica and nuisance dusts. Avoid contact with skin and eyes. Wear rubber gloves and aprons to protect skin and wear safety eye goggles. Wash splatters from skin immediately. Use good hygiene when handling this product and wash and bathe after each use. Close containers after each use. Be sure to wash clothing after each use.

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

For more information go to:

brickform.com



INFORMATION