

Mer-Ko Colored Hardener

PRODUCT DESCRIPTION

Mer-Ko Colored Hardener is a dry-shake material compound mixture of pigment, select aggregates, portland cement and proprietary ingredients. Colored Hardener is broadcast over the surface to be colored.

Colored Hardener can be used over freshly poured concrete and floated in to provide a colored topping or applied over a dry surface and distributed with a wet sponge.

The Colored Hardener is a cost effective dry-shake material which is used as the coloring agent for concrete providing better color consistency and intensity. It also increases the density of the surface, achieving greater hardness & abrasion resistance as well as resistance to damage from freeze/thaw and salts used for deicing.

Color Hardener can be used in conjunction with Mer-Ko Antique Release on fresh concrete pours, when using stamping mats or texturing skins for aesthetic design to create an old world mottled color effect.

Using a wide variety of design elements and colorant accents commonly used in the decorative coatings industry, coloring and finishing options are virtually limitless. Refer to the appropriate Color Selection Guides for additional details on color options for Mer-ko's Color Pack, Antique Release, Colored Hardener, Antiquing Gel and Clear Seal products.

CHARACTERISTICS

- Ready to use
- Dust-less technology minimizes dust
- UV and lime resistant pigments
- Greater hardness & abrasion resistance
- Greater resistance to damage from freeze/thaw and salting

INSTALLATION CONDITIONS

Color Hardener should be installed when the surface and ambient temperatures are above 40°F (4.4°C) and below 120°F (48.8°C). Do not install during inclement weather, when precipitation is occurring or expected within 24 hours.

SUBSTRATE PREPARATION

The substrate surface must be clean, dry and free of dust and any other contaminants at the time of material application.

APPLICATION

As a Concrete Colorant

Broadcast a heavy layer of Mer-Ko Color Hardener across the entire freshly poured concrete surface thoroughly covering the surface. Completely float the Color Hardener into the top layer of wet concrete and then broadcast an additional lighter-uniform layer of Color Hardener over the entire surface.

If stamping skins are being used on the project, be sure to broadcast a layer of Mer-Ko Antique Release in a complementary color accent to prevent skins from sticking and removing material upon movement. Then, proceed with stamping impressions using conventional concrete stamping and texturing tools and techniques as selected for the project. Stamping/Texturing must be accomplished while the material is still wet.

TECHNICAL DATA

Coverage varies depending on use and color selected.

Coverage	50-120 lbs/100 ft ²
Solids	100%
Colored Hardener	8.29 lbs/gal

As a Color Wash

Broadcast a random layer of Mer-Ko Color onto the dry cementitious substrate as a color wash and distribute it to the desired level using a wet sponge. Rinse and repeat as necessary to achieve the desired results.

Allow to dry completely and seal the surface with a project appropriate Mer-Ko sealer.

CAUTIONS & LIMITATIONS

- The substrate surface must be structurally sound and free of dirt, dust, or other contaminants at the time of material application.
- Mer-Ko Color Hardener material should not be installed if the surface or ambient temperature is below 40°F (4°C) or above 120°F (48.8°C).
- Do not install during inclement weather, when precipitation is occurring or expected within 24 hours.
- To be used over freshly applied, wet material applications.
- Avoid applying in windy conditions.
- Once Color Hardener has been applied it cannot be completely removed without damage to the surface.
- Concrete should not contain fly ash. Fly ash will migrate to the surface and interfere with the chemical and mechanical bonding of the material.
- Protect all finished surfaces that are not intended to receive the deck coating materials.
- Will not bridge seismic cracks or wide construction joints.
- Reflective cracking can occur with substrate movement.
- Use with adequate ventilation, do not breath dust.
- Wear goggles, gloves, and a dust respirator.

COLOR

Available in 20 standard colors

PACKAGING

60 lbs (27.2 kg) in a 5 gallon pail

FIRST AID

EYE CONTACT

Do not rub eyes. Flush eye with water for at least 15 minutes. Get medical attention promptly.

INHALATION

Remove to fresh air. Get medical attention if symptoms persist

SKIN CONTACT

Wash affected area thoroughly with soap and water. Remove contaminated cloths and launder before reuse.

INGESTION

Get medical attention.

SPILL

For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust.

STORAGE & HANDLING

Store Color Hardener out of direct sunlight at temperatures between 40°F and 100°F (4°C and 38°C). Promptly clean tools and equipment with water and mild detergent. Dried material can be removed with mineral spirits. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.

Product Data Sheet

Mer-Ko Colored Hardener

SHELF LIFE

The shelf life is one (1) year from the date of manufacture in the original, unopened container when properly stored.

WARRANTY

Limited manufacturer's defect warranty. Contact Mer-Ko Technical Service Department for specific warranty information or www.parexmer-ko.com.

Any recommendation or suggestion relating to the use of MER-KO products made via current technical literature, marketing materials, technical application guides, specifications, and the like, or in response to specific inquiry or otherwise, is based on data believed to be reliable. However, the products and information are intended for use by Buyers having requisite skill and know-how in the industry. Therefore, it is the responsibility of the Buyer to satisfy the necessary requirements of suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. Mer-Ko believes the information contained herein is true and accurate as of the date of publication. Information contained here is for evaluation only. Mer-Ko reserves the right to modify and/or change products or literature at any time and without prior notice.



Corporate Office
ParexLahabra, Inc.
4125 E. La Palma Avenue, Suite 250
Anaheim, CA 92807

(714) 778-2266
(866) 516-0061
infomer-ko@parexlahabra.com
www.parexmer-ko.com



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