



## SEMI-TRANSPARENT CONCRETE STAIN

NO. 850

### PRODUCT INFORMATION

BEHR PREMIUM® Semi-Transparent Concrete Stain provides the variation of color found in some natural stone. Surface imperfections, concrete composition, texture and application technique will affect the finished appearance. For a uniform solid color, use a product such as BEHR PREMIUM® Solid Color Concrete Stain.

### RECOMMENDED USES:

Ideal for use on Patios, Walkways, Driveways, Garage Floors, Pool Decks, and Basements. Use on properly prepared interior or exterior, vertical or horizontal surfaces such as:

- Concrete
- Brick
- Cement Blocks
- Masonry

The composition of concrete varies; therefore, the lack of proper surface preparation and/or excessive application can lead to automobile tires lifting the product from the surface. For added protection, use a product such as BEHR PREMIUM® Wet-Look Sealer No. 985 for a high-gloss finish or a product such as BEHR PREMIUM® Low-Lustre Sealer No. 986 for a low-gloss finish. Allow stain at least 24 hours to dry before top coating. **NOTE:** Do not use Wet-Look Sealer or Low-Lustre Sealer as a topcoat around pool decks or other areas subject to consistent moisture.

### PRODUCT SPECIFICATIONS:

#### Tint Bases/Max Tint Load:

No. 850 Tint Base 126 fl oz / 4 fl oz

**Resin Type:** Siliconized 100% Acrylic

**Weight per Gallon:** 8.5 lb

**% Solids by Volume:** 17% ± 2%

**% Solids by Weight:** 19% ± 2%

**VOC:** < 100 g/L

**Flash Point:** N/A

**Viscosity:** 35 – 45 seconds (#1 Zahn cup)

#### Recommended Film Thickness:

Wet: 6.4 mils / Dry: 1.1 mils @ 250 sq ft/gal

Wet: 3.2 mils / Dry: 0.5 mils @ 500 sq ft/gal

**Coverage:** 250 - 500 sq ft/gal depending on application method and substrate porosity. Does not include the loss of material from spraying.

### APPLICATION:

**Brush:** Nylon/polyester

**Roller:** 3/8" – 1/2" nap roller cover, depending on surface texture

#### Airless Spray:

**Tip:** .015" – .019"

**Filter:** 60 mesh

**Thinning:** DO NOT THIN. Product is formulated for use at package consistency.

**Dry Time:** @ 77°F & 50% RH

**To Touch:** 1 hour

**To Recoat:** 4 hours

**Full Cure:** 4 weeks

Longer dry time may be required in cooler temperatures and higher humidity.

### SURFACE PREPARATION:

All surfaces must be clean, free of dust, chalk, oil, grease, wax, polish, mold and mildew stains, loose and peeling paint, rust, and all other foreign substances.

**New and Uncoated Concrete & Masonry:** Allow new surfaces to cure 30 days. Clean and etch surface using a product such as a muriatic acid etcher (read and follow all manufacturer's label directions) to achieve a textured profile similar to 150-grit sandpaper. Wipe your fingers over the clean, dry surface to check for dust or powder. Ensure there is no residue on your fingers that may have been left from the etcher. If residue is found, rinse the surface to remove residue. Allow the surface to dry completely. Sprinkle a few drops of water onto the surface. If water is quickly absorbed and the surface feels like 150-grit sandpaper, the surface is ready. If not, re-etch. Apply a product such as BEHR PREMIUM® No. 880 Concrete & Masonry Bonding Primer to increase adhesion of topcoat to the surface.

Use a paint stripper to remove any previous coatings or sealers. Scrape down to a sound concrete surface. Clean and etch surface using a product such as a muriatic acid etcher (read and follow all manufacturer's label directions) to achieve a textured profile similar to 150 grit sandpaper. Wipe your fingers over the clean, dry floor to check for dust or powder. Ensure there is no residue on your fingers that may have been left from the etcher. If residue is found, rinse the surface to remove residue. Allow the surface to dry completely. Sprinkle a few drops of water onto the surface.

COMPLIES WITH THE BELOW AS OF 6/1/2020			
SCAQMD	YES	OTC	YES
CARB SCM 2007	YES	LADCO	YES
OTC Phase II	YES	AIM	58

If water is quickly absorbed and the surfaces feels like 150 grit sandpaper, the surface is ready. If not, re-etch. For areas subject to automotive traffic, apply a product such as BEHR PREMIUM No. 880 Concrete and Masonry Bonding Primer to increase adhesion of topcoat to the surface. Follow all label instructions.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Center at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### SYSTEM RECOMMENDATIONS:

#### New and Uncoated Concrete & Masonry:

- 1 coat BEHR PREMIUM® Concrete & Masonry Bonding Primer No. 880
- 2 coats BEHR PREMIUM® Semi-Transparent Concrete Stain

### CLEAN-UP/DISPOSAL:

Clean all tools and equipment with warm, soapy water. Do not dispose of this product down a drain. If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations. For recycling or disposal of empty containers, unused product and soiled rags, contact your household refuse collection service.





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### CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Intermix all cans of same product to ensure color uniformity. Stir stain before and occasionally during application.
- Light and pastel colored concrete stains should be used over pool deck surfaces. Avoid dark colors as they tend to absorb and retain heat.
- For best results, apply when air, material and surface temperatures are between 50°F and 90°F. Do not apply in direct sunlight. Temperatures above 90°F can cause the paint to dry too fast, whereas temperatures below 50°F can inhibit proper film formation. NOTE: If the surface is hot to the touch it should be considered too hot to apply this coating.
- Do not apply if rain or heavy dew is expected within 24 hours.
- Allow 72 hours before subjecting surface to automotive tires, repositioning planters or furniture. Park tires on corrugated cardboard for 7 days after applying stain.
- After 30 days, cured stained surface may be cleaned with a mild, non-abrasive liquid detergent.
- Surfaces may become slippery when wet. Use caution when walking on surface when moisture is present.
- Shelf life under normal conditions is two years unopened.

### GENERAL INFORMATION:

**CAUTION IRRITANT** MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use.

**FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 20 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

**KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.**