



SEMI-TRANSPARENT CONCRETE STAIN

NO. 850



PRODUCT INFORMATION

BEHR® 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 BEHR® SOLID COLOR CONCRETE STAIN NO. 800.

RECOMMENDED USES:

For use on uncoated and unsealed, properly prepared, interior or exterior, patios, pavers, driveways*, walkways*, garage floors* and other concrete floors.* 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 BEHR® WET-LOOK SEALER NO. 985 for a high-gloss finish or BEHR® LOW-LUSTRE SEALER NO. 986 for a low-gloss finish. Allow stain to dry at least 4 hours before topcoating per label instructions.

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

No. 850 Semi-Transparent Concrete Stain Tint Base,
126 oz / 4 oz

Sheen/Gloss: Not Applicable

Vehicle Type: Siliconized 100% Styrene Acrylic

***Weight Per Gallon:** 8.5 +/- 0.2 lbs./gal

*% Solids:

By Volume: 17.1 +/- 2%

By Weight: 19.0 +/- 2%

VOC: <100 (g/l)

Flash Point: Not Applicable

Zahn#2: 35-55 KU

Recommended Film Thickness:

Wet: 9.1 Dry: 1.6 mils @ 175 SFPG

Wet: 4.6 Dry: 0.8 mils @ 350 SFPG

Coverage: 175-350 Square Feet Per Gallon, depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

Use product when temperature is between 50–90°F (10-32°C). Do not apply in direct sunlight. Apply to dry concrete. Do not apply if rain or heavy dew is expected within 24 hours. Apply stain in small concrete sections approximately 4' by 4' (1.2 m x 1.2 m). Work quickly and feather edges. Apply with a high quality pump sprayer at a fine spray setting using a circular motion. Immediately after spraying, back-roll with a 3/8" nap roller or pad applicator to achieve a more even appearance. Apply at a spread rate of 175-250 sq. ft. (16-23 m²) per gallon depending on the porosity and texture of the surface. Allow first coat to dry for 4 hours before deciding if a second coat is necessary. An additional coat will provide a darker and more uniform color. Apply second coat at a spread rate of 250-350 sq. ft. (23-32 m²) per gallon. Airless spray is recommended for experienced applicators only. Note: Horizontal surfaces may be subject to premature wear. Periodic touch-ups may be necessary.

APPLICATION TOOLS:

Brush: Nylon/polyester

Roller: Use 3/8"-1/2" nap cover on smooth surfaces and 1/2"-3/4" on rough, porous surfaces.

Air-less Spray: At packaged consistency

Tip: .015"

Filter: 60 mesh

Thinning: (If required) No more than 1/2 pint of water per gallon.

Dry Time: @ 77° & 50% RH

- Dries to the touch in 1 hour.
- 4 hours before recoating.

COMPLIES WITH THE BELOW AS OF 3/22/2011			
OTC	YES	CARB	YES
SCAQMD	YES	MPI #	58

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- For best results, apply at temperatures between 50°F - 90°F. Temperatures above 90°F may affect the application such as drying too fast. Avoid painting in direct sun. NOTE: If the surface is hot to the touch it should be considered too hot to apply this coating.
- Avoid heavy traffic for 24 hours.
- Allow two weeks before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.

CLEAN UP:

Brushes and other equipment can be cleaned with warm, soapy water. For disposal of empty containers and unused product, contact your household refuse collection service.

† **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 Hot line at 1-800-424-LEAD or log on to www.epa.gov/lead. **WARNING!** This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. **WARNING!** Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

*This information is provided "as is" and no representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made with respect to this information or to any product referred to in this information.





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SURFACE PREPARATION:

Masonry: New concrete must cure for a minimum of 30 days. Remove old coating or sealer, if present, using BEHR® Concrete & Masonry Paint Stripper No. 992. Follow all label instructions. Test: Sprinkle a few drops of water onto the surface. If water is quickly absorbed, the surface is ready. If not absorbed, re-etch. For proper penetration and adhesion of topcoat, use BEHR® Concrete & Masonry Cleaner & Etcher No. 991 to clean and etch the surface. Follow all label instructions. Remove mildew stains with BEHR® Premium Mold & Mildew Stain Remover No. 62. Follow all label instructions. Apply BEHR® Concrete & Masonry Bonding Primer No. 880 to increase adhesion of topcoat to the surface. Follow all label instructions. Do not thin. Intermix cans of same products to ensure color uniformity. STIR thoroughly before and during application.

GENERAL INFORMATION:

IMPORTANT! DO NOT OPEN CAN WITHOUT READING INSTRUCTIONS. WARNING! This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: ETHYLENE GLYCOL. 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 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. **CAUTION: KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.**

