

• TRUSTED QUALITY SINCE 1921 •  
**RUST-OLEUM®**  
semi-transparent  
**CONCRETE STAIN**

**SEMI-TRANSPARENT  
CONCRETE STAIN****DESCRIPTION AND USES**

Concrete Stain is a penetrating water-based stain designed for use on bare interior and exterior concrete and masonry surfaces. It is ideal for use on basement floors, concrete and masonry blocks, pavers and stepping stones, retaining walls, statuary and benches, and flower pots. This product is not for use on asphalt.

**PRODUCTS**

Description	1-Gallon
Burnt Brick	239394
Limestone	239395
Earth Brown	239397
Sienna	239399
Tint Base	239418

**PRODUCT APPLICATION****SURFACE PREPARATION**

Proper surface preparation is critical to performance. Allow new concrete to cure for a minimum of 28 days prior to coating. Before coating bare concrete surfaces, remove grease, oil, salt and other contaminants with EpoxyShield® Heavy-Duty Degreaser. Follow label instructions carefully. Scrub spots thoroughly with a stiff bristle brush or broom. Rinse thoroughly with fresh water. Repeat as necessary to completely clean the concrete. If necessary, use a wire brush or sander to remove any loose or unsound concrete or masonry. If the concrete is loose, chipping (spalled), or has concrete dust present, the coating will not perform properly unless all loose material and dust is removed and damaged areas repaired with EpoxyShield® Concrete Patch & Repair.

Existing coatings or sealers must be removed prior to applying Concrete Stain. Test for a sealer by lightly sprinkling water on the surface of the concrete. If the water droplets bead up rather than soak into the concrete, then a sealer is present. The sealer will have to be removed by an alternate method of surface preparation, such as abrasive blasting or grinding.

**PRODUCT APPLICATION (cont.)****SURFACE PREPARATION**

**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 Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**PRODUCT APPLICATION (cont.)****MIXING**

Concrete Stain is ready to use. Do not thin. Shake the container or mix thoroughly to ensure any settled pigment is re-dispersed before applying.

**APPLICATION**

Do not stain outdoors if rain is expected within 48 hours. Apply only when air, material, and surface temperatures are between 50-90°F (10-32°C) and the surface temperature is at least 5°F (3°C) above the dew point. The relative humidity should not be greater than 85%. To minimize overspray, properly mask adjoining areas and avoid staining in windy conditions. If using more than one gallon, intermix (box) all cans of the same product to ensure color uniformity. Avoid applying Concrete Stain late in the day when temperatures are falling. The formation of dew can interfere with proper curing. Use a brush to trim the perimeter and hard-to-reach areas. Using a high quality pump sprayer with the tip set to fine mist, apply in a circular or figure eight pattern. Ensure that the sprayer is fully pressurized. To prevent drips and runs, start and stop the sprayer just off the work area. Apply base coat evenly. Apply two light coats versus one heavy coat. Allow sufficient dry time (approximately 1 hour) between coats and before applying accent colors. Do not allow the stain to pool or puddle. If desired, apply accent color(s) over the base coat to provide the desired level of contrast. Allow to dry for approximately 1 hour. If desired, lightly mist the original base color over the entire surfaced to further "soften" the look. On smaller areas, use a handheld trigger sprayers, paint brushes, rags, sponges, or stipple brushes to apply the stain.

**CLEAN-UP**

Wash tools and equipment with warm water and a mild detergent immediately after use. Properly dispose of all soiled rags and protect unused product from freezing.

## TECHNICAL DATA

# SEMI-TRANSPARENT CONCRETE STAIN

## PHYSICAL PROPERTIES

		CONCRETE STAIN
Resin Type		Acrylic Emulsion
Pigment Type		Inorganic Oxides
Solvents		Water
Weight	Per Gallon	8.50 – 8.63 lbs
	Per Liter	1.02 – 1.03 kg
Solids	By Weight	11.3 – 13.8%
	By Volume	9.6 – 10.7%
Volatile Organic Compounds		Max 100 g/l (0.83 lbs./gal.)
Practical Coverage at Recommended DFT (assumes 15% material loss)		250-400 sq.ft./gal. (6.2-9.8 m <sup>2</sup> /l) for bare smooth concrete 175-200 sq.ft./gal. (4.3-4.9 m <sup>2</sup> /l) for rough or porous surfaces
Dry Times at 70° Fahrenheit (21°C) and 50% Relative Humidity	Touch	1 hour
	Recoat	1 hour
Shelf Life		5 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see MSDS.
NOTE:		Calculated values may vary slightly from the actual manufactured material.

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