



DuroStain See the Color Card

WATER BASED/COVERAGE: See specification below.

**PRODUCT NUMBER AND
CONTAINER SIZE**
70205 Qt/70105 Gal

DESCRIPTION: Safecoat DuroStain is a premium quality, fast curing low sheen finish semi-transparent stain for interior and exterior surfaces*. It promotes sealing of porous surfaces and has good adhesion for superior protection as a decorative colorant. It contains no aniline dyestuffs, no gilsonite or asphalt, no aromatic solvents, formaldehyde or UV inhibitors. *Note: exterior applications may require the addition of a mildewcide.

USE ON: Safecoat DuroStain is recommended for unsealed wooden surfaces. Note: staining large surfaces such as floors with a water-based stain requires significant expertise, and is not recommended for the average user.

COLORS: Clear, Cedar, Mahogany, Redwood, Walnut, Oak, Birch and Maple. For colors see www.safecoatpaint.com, or request brochure. Stains may be mixed together to modify color. NOTE: Safecoat DuroStain uses natural mineral pigments and slight variation in color may accordingly occur between batches. Always use material from the same batch for a specific job.

SURFACE PREPARATION: Because of wide variations in the way different woods accept stain, we particularly recommend that users always test in small, inconspicuous areas for appearance and compatibility before application to the entire surface. Surfaces to be stained with Safecoat DuroStain should be sound and cleaned of dirt, dust, grease, wax, silicone, soap and oil, and must be completely free of mold, mildew or fungus contamination. Cleaning with an odorless, dye-free, all-purpose cleaner like SafeChoice Super Clean is recommended. Previously painted or sealed surfaces will not accept stain readily. Consequently, stripping of old paint or sealer followed by rinsing and sanding will be required before application of Safecoat DuroStain to achieve maximum penetration from this product. Surface can be dampened with water to assist user in getting an even application. Porous woods with strong grain pattern can be tamed by using thinned (50% with water) application of Safecoat® DuroStain Clear.

APPLICATION: Always have adequate ventilation. Intermix (boxing) all containers of the same color to ensure uniformity before applying. Before using, stir Safecoat DuroStain well, then apply it evenly without reduction using a high quality nylon or synthetic bristle brush. To adjust intensity of color, best results will be obtained by staining six foot sections (2' x 3') of the surface and wiping off excess stain while it is still wet to achieve the desired intensity of color. Always keep a wet edge. Darkness of stain may be increased by high surface porosity, wiping off less stain, or letting the stain dry longer before wiping. A squeegee applicator can be beneficial when

coating large flat surfaces like doors. The shade of the stained surface will be affected by the color and type of wood. Reduce if desired for spraying with up to 1/2 pint of water per gallon. Always use a painter's mask when spraying. Do not apply in direct sunlight. Make sure to wipe off any excess stain which does not penetrate into the wood. Note: these instructions are intended to be general only and not exhaustive. The applicator should determine what preparation and techniques are best suited to the specific surface. **Test application before starting the staining project.**

COVERAGE: One gallon of Safecoat DuroStain covers approximately 300 square feet in one coat depending on surface porosity and the intensity of the stain color desired.

CLEAN-UP: Clean tools and equipment while they are still wet with a solution of soapy warm water.

DRYING/CURING TIME: Under normal conditions, Safecoat DuroStain dries to touch in one hour and is re-coatable after two hours. Normal conditions include a dry surface, access to fresh air flow, moderate humidity, and temperatures above 55°F. Thick application, high humidity or conditions other than normal will cause Safecoat to dry and cure more slowly.

LIMITATIONS: Unlike conventional stains, Safecoat DuroStain is made without formaldehyde preservatives or toxic mildewcides or fungicides. Do not contaminate. Store in airtight containers. Do not use when indoor or surface temperature is below 55°F. Do not freeze. Use of Safecoat DuroStain outdoors may require the addition of a mildewcide or fungicide to prevent attack by spores before the stain cures.

HEALTH PRECAUTIONS: As with all coatings, keep container tightly closed and out of the reach of children. Do not take internally. Always use adequate ventilation. Wear a mask when sanding and avoid breathing sanding dust. Avoid contact with skin and eyes and avoid breathing of spray vapors and spray mist. If you are chemically sensitive, always test for personal tolerance.

PHYSICAL DATA:

Physical Description:	Liquid, ethereal odor
% Volatile by Volume:	82.32%
Solubility in Water:	Dilutable
% Volatile by Weight	82.00%
VOC Material:	13 g/l
VOC Material less H2O:	67 g/l
HAP's (Hazardous Air Pollutants)	zero

If you are chemically sensitive, always test for personal tolerance.

LIMITED LIABILITY: Liability, whether express or implied, is limited solely to replacement of product shown to be defective when applied in accordance with instructions and shall under no circumstances include liability for labor costs or consequential damages. It is the user's responsibility to determine the suitability and safety of the product for its intended use. This limited warranty may not be modified or extended by manufacturer's representatives, distributors, or dealers of AFM products. We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.

American Formulating and Manufacturing 3251 Third Ave., San Diego, CA 92103 T: 619.239.0321
Available exclusively through AFM approved retailers worldwide

AFM
safecoat
Building A Healthier World