



OLDE WORLD STAIN

CONCENTRATED WATER-BASED CONCRETE STAIN TECHNICAL DATA & APPLICATION INSTRUCTION

PRODUCT DESCRIPTION

Olde World Stains are water-based, non-toxic, concentrated stains. They are a reliable, easy to use and very effective coloring agents for a variety of decorative concrete surfaces. Unlike traditional acid type stains which rely heavily on the specifics of the concrete, **Olde World Stains** produce consistent results almost regardless of the concrete finish. The environmentally friendly, penetrating colors can be applied in a variety of ways. The colorfast pigments provide a palette of natural, semi-transparent hues that can be layered to create almost any color finish needed. **Olde World Stains** can be used for decorative concrete including standard flatwork, stamped and textured concrete, vertical concrete countertops, floors, block, stucco and most any concrete surface.

BENEFITS/FEATURES

- 25 color choices
- Economical
- No “surprises” with the color development
- NO neutralizing
- NO ammonia
- NO double or triple rinsing
- NO additional drying time. Job can be completed in hours & not days.

RECOMMENDED APPLICATIONS

Olde World Stain is recommended for most cured, unsealed exterior & interior concrete substrates. Do not apply **Olde World Stain** to a floor that has been sealed until all sealer has been completely removed & the concrete is acid etched or diamond ground per ASTM Specs. *(not recommended for broom finish concrete)*

TECHNICAL INFORMATION

Solids.....	<0%	Wet Appearance.....	colored liquid
Drying Time.....	Refer to Tech Data	Dry Appearance.....	inert pigment
Re-Coat Time.....	n/a	VOC Content.....	<0 g/l
Foot Traffic.....	2.4 hours	Blush Resistance.....	n/a
Wheel Traffic.....	72 hours	Solvent Resistance.....	n/a
Application Temp.....	40°F - 85°F	Concrete Penetration.....	Excellent

**Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

Olde World Stain is VOC & OTC compliant in all areas of the United States & many foreign nations.

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New & Old (unsealed) concrete	250-300 ft ² When diluted	n/a

*Coverage rates above reflect approximate coverage of finished product (per gallon) applied per instructions. Coverage rates will vary significantly & will be determined upon the surface porosity of the concrete as well as the application style.

PACKAGING & SHELF LIFE

Olde World Stain is packaged in 1 Quart **concentrated** bottles. **Olde World Stain** has a shelf life of one to two years in it's original, sealed, unopened container.

CLEAN-UP & PRODUCT REMOVAL

Tools should be cleaned with soap & water immediately after use then dried. Clothing may be washed with fabric safe bleach. **Olde World Stain** is a concrete stain & can not be chemically stripped. A commercial sand blaster, floor sander, diamond grinder, or another similar mechanical machine may be necessary for removal.

SURFACE PREPARATION: All new concrete must be **cured** for at least 28 days prior to application. Substrate or surface must be properly prepared, clean & free of any dust, pollen, contamination or debris. It is recommended using a mild cleaner such as *Majestic Concrete Prep* coupled with mechanical agitation, then rinse thoroughly with pressure washer to make certain the surface porosity is opened to receive the stain & is free from any moisture or contamination at time of application. Any previously applied sealer, paint or other oil-based product must be mechanically removed to allow proper absorption of the **Olde World Stain**. If the substrate is a hard troweled surface or a very smooth glass like finish that **Olde World Stain** can not penetrate, then a light sanding or light acid etching should be performed to “open up” the surface. *Majestic Concrete Prep* cleaner & etching solution is recommended. To test surface, just apply a small amount of **Old World Stain** to the surface & wait a couple of minutes. If the product does not soak into the surface & wipes up leaving little or no color, then the surface needs to be prepped by sanding or acid etching.

MIXING: Invert the bottle & shake gently for approximately one minute to ensure adequate blending of the pigments that may have settled in the bottom of the container. **This is a concentrated stain, add 3 quarts of water to achieve one gallon of stain.**

APPLICATION: **Olde World Stain** can be sprayed, mopped, brushed, sponged or rolled on. Care must be taken to avoid or cover up straight lines associated with rolling (unless straight lines are desired). Do not allow to pool or puddle as it may cause undesirable effects. The edges of puddles will leave very distinctive veining, upon drying. Do not allow stain to drip on the surface. If applying to a pitched or vertical surface, apply from the bottom, up, to avoid unsightly drip marks. **Olde World Stain** color is designed to be layered in several thin applications to achieve the desired look or color effect. It is not recommended for use on extremely porous substrates such as cinder blocks. It is suitable to color just about any other type of masonry surface. For use on extremely porous surfaces or on heavily sanded areas add ½pt to 1 pt of water based acrylic sealer, (KD 100) to each gallon of diluted **Olde World Stain**. This will decrease the absorption & will give you color without using as much product. When using a single color of **Olde World Stain**, the first step is to apply once over the entire surface. A single color of **Olde World Stain** will naturally achieve mottling by the varying degrees of porosity within the surface of the concrete. Additional “acid stain” like effects are achieved through further layering of various shades of color either in complete coverage or random applications. When using multiple colors, apply the lighter colors first. However, yellow can be applied over red to “orange” it up a bit. White can be applied first, either in complete coverage or randomly, which results in more extreme mottling & a broader range of colors. The white base coat allows for brighter, more vibrant, colors.

NOTE: The White **Olde World Stain** is a heavier pigment loading & care is recommended when applying white over other colors, as the white may be **too** overbearing. The white also shows settling, so keep product shaken or stirred. Each coat contributes a little “primer effect” to the successive coats. Meaning that each additional coat may take longer to dry & the latter application may be more pronounced. The colors can be mixed or blended together in any fashion to produce any color effect desired. Additional color control & making distinctive colors are achieved by layering one color on top of the other. If some areas of the substrate are discovered to be much more porous than others, spend additional time & product on these areas to balance your colors before sealing the entire job. **Always perform a test sample for proper adhesion, application technique & desired results.**

CLEANING: All cleaning & surface preparation will be done prior to **Olde World Stain** application, allow the surface to dry thoroughly to a moisture free surface prior to application. Between stain & sealer application, no neutralizing or cleaning is required as long as the surface remains clean.

SEALING: Allow **Olde World Stain** to dry for a minimum of 6 - 8 hours before spraying sealing and a minimum of 24 hours before rolling sealer. **Olde World Stain** is a water-based product & different sealers have a varying tolerance to moisture. **Olde World Stain** leaves an inert pigment in the surface upon drying. A very slight residual material at the surface is acceptable; it will be incorporated into the sealer & bonded to the surface. However, **Olde World Stain** should be completely dry & checked for excessive residue before applying any sealer by any method. If a transference of color is taking place, **STOP!** Additional drying time is needed. Switching to a sprayer for the first coat of sealer is an option.

PRECAUTIONS & LIMITATIONS

- **Olde World Stain** will freeze. Storage in areas between 40°F & 85°F is recommended.
- **Olde World Stain** may be mixed to form various colors.
- **Note:** we cannot be held responsible for color outcome. **Please do Samples!**
- **Olde World Stain** is a permanent application. **Please Test prior to use.**
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- **Olde World Stain** is reactive & may pull previous staining from the substrate.
- Do not overapply **Olde World Stain**. Do not apply **Olde World Stain** in the heat of the day or in direct sunlight.
- It is recommended to seal over **Olde World Stain** with UV Resistant coatings only.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS), Technical Data Sheet (TDS) & read warranty information prior to use. For color selection, please refer to the proper color chart. FOR PROFESSIONAL USE ONLY!