WOOD KRAFT
PENETRATING WIPING STAINS

DESCRIPTION

Wood Kraft Penetrating Wiping Stains (#1110 Clear Base and #1400 line standard colors) are premium pigmented linseed oil based wiping stains formulated to provide quality results with a minimum of work. Wood Kraft Penetrating Wiping Stains are recommended on properly prepared interior bare wood surfaces such as doors, cabinets, floors, woodwork, paneling, and new furniture. These products may also be used on exterior bare wood surfaces such as doors and patio furniture. These stains develop the natural beauty of both hard and soft woods without obscuring grain patterns or raising the grain. The quick drying, penetrating action allows complete staining and finish coating of wood surfaces in a single day. These stains are designed to be coated with a protective coat of polyurethane or lacquer finish when thoroughly dry. Not recommended for use on large areas of wood siding, wood decks, or exterior wood trim.

SPECIFICATIONS

Finish: Flat @ 60° 1.5 – 2.0
Solids: #1110: 38.8% by weight/32.5% by volume ±2%
#1400: 42.0% by weight/32.4% by volume ±2%
Weight/Gallon: #1110: 7.2 ± 0.1 Pounds
#1400: 7.6 ± 0.1 Pounds
Flash Point: 105°F
Vehicle Type: Linseed Oil Modified Alkyd

COLOR
Available in 5 standard colors (#1400 line) and a clear base (#1110) that can be tinted with universal colorants to wide range of colors.

ENVIRONMENTAL

VOC: 519 grams per liter; 4.33 lbs/gal*

*Colorants added to this base paint may increase VOC level significantly depending on colorant choice.

Table: Compliant

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DRY TIME

@ 77°F and 50% relative humidity²

Ready-Mixed Colors

To Touch: 45 - 60 Minutes
To Handle: 2 - 4 Hours
To Topcoat: Solventborne 24 - 48 Hours
Waterborne 48 – 72 Hours

Tinted Colors

To Touch: 2 – 4 Hours
To Handle: 6 - 12 Hours
To Topcoat: Solventborne 24 - 48 Hours
Waterborne 48 – 72 Hours

² Colder temperatures, high humidity, and lack of air movement will slow down dry rates.
Excess stain that has not been wiped off will significantly increase dry rates.
Always try a test patch and check adhesion before proceeding with entire job.

RECOMMENDED SYSTEMS

Durability, Speed
1 ct. Wood Kraft Stain
1 ct. #1100 Satin Sanding Sealer
1 ct. #1120/1122 Lines
1 ct. #1161/1192 Lines W/B
Polyurethane Varnish

Durability, Speed
1 ct. Wood Kraft Stain
2 cts. #1161/1192 Lines W/B
Polyurethane Varnish

Non Yellowing³, Durability
1 ct. Wood Kraft Stain
3 cts. #1161/1192 Lines W/B
Polyurethane Varnish

Abrasion Resistant, Floors
1 ct. Wood Kraft Stain
2 cts. #1120/1122 Lines
Polyurethane Varnish

³ #1161/1192 Lines of Waterborne Polyurethane Varnishes are water white and will not noticeably yellow. Linseed oil stains will noticeably yellow over time, especially in lighter colors.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

GENERAL

The surface to be stained should be dry and free of any dirt, grease, wax, fingerprints, pencil marks, old finishes, or other foreign

EPA AIM

NO

SCAQMD

NO

MPI #

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As of 10-1-2016

LEED v3.0

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OTC Phase II

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contaminants. Any small holes or surface imperfections should be filled with wood filler and sanded to a smooth finish, followed by dusting. Always sand, in the direction of the wood grain. Remove dust with vacuum or tack cloth.

NEW WOOD
New wood should be stored inside for a minimum of 24 hours prior to staining. Repair/Caulk all cracks and fill all small holes or surface voids with filler and then sand to smooth finish.

Raw wood surfaces that vary in porosity or tone (typically soft woods such as Pine, Poplar, and Spruce) should be sealed with a pretreatment conditioner to produce a uniform base for staining.

OLD WOOD
Repair/Caulk all cracks and fill all small holes or surface voids with filler and then sand to smooth finish. All old wood should be sanded to remove old wood fibers at the surface and to leave a fresh surface for the stain to penetrate.

MILDEW
Wash mildewed surfaces with a solution of 1 part household bleach to 3 parts water. Scrub mildewed surface if necessary, and rinse thoroughly. Follow bleach manufacturer's directions for use and wear appropriate protective equipment including eyewear, gloves, and protective clothing. Wash any contacted skin immediately and thoroughly with copious amounts of water. Never add ammonia or detergents to a bleach/water solution.

APPLICATION

PRECAUTIONS

CAUTION! SPONTANEOUS COMBUSTION HAZARD! Used cloths must be spread out to dry! The cloths must then be put in a water filled sealed steel container. Failure to do so could result in a fire which is caused by spontaneous combustion. This can occur when cloths are piled up and not spread out to dry, or not put in a sealed steel container.

Stain colors can vary based on the type of wood species used, the method of application, and the amount of stain applied. Test a sample piece of wood or an inconspicuous area before staining entire project. Knot holes and grain can also change the stain appearance. Stain or varnish applied to wood that has not been thoroughly dried can exhibit blotching, discoloration, or cracking. Stains require sufficient drying time. Test a small area with topcoat and allow to dry before proceeding. Failure to allow sufficient drying time for stain can result in a blotchy appearance, cratering, and crawling of the topcoat.

Excess stain that has not been wiped off will significantly increase dry rates. This stain is made to penetrate the surface not remain on top of the surface.

Oil based stains tinted to very light colors, including pickling white, will yellow over time. All linseed oil stains will yellow. Putting a waterborne varnish over these stains will not stop the yellowing nature of the stain.

Wood Kraft Waterborne Penetrating Wiping Stains are not recommended for use on large areas of wood siding, wood decks, or exterior wood trim.

Exotic woods like Brazilian IPE, Spanish Cedar, etc. should not be stained with this product. They are very hard woods which contain large amounts of oils and could cause peeling. The best way to protect these types of woods is to use an oil like Teak Oil or a stain like TWP.

EQUIPMENT

This product is designed to be sprayed with conventional air, brushed with a quality white bristle brush or wiped with a clean dry knit cloth, then have the excess stain wiped off with a clean cloth. Stir stain thoroughly prior to use and stir occasionally during use for best uniformity. The length of time before wiping off excess stain will determine the depth of color developed. The working time for this product is typically 15 to 20 minutes to work the stain to an even color. Laps and drips can usually be worked out by wiping on more stain and re-wetting the surface. Stain should be dry to the touch prior to topcoating with traditional solventborne sealers or urethanes. If using a waterborne topcoat, stain will require a 24-48 hour dry prior to topcoating. Test a small area first before completing entire job to check adhesion.

THINNING

Do not thin. Use at full strength

CLEAN-UP

Mineral Spirits

PACKAGING

CONTAINERS
1 Gallon Cans and 1 Quart Cans

STORAGE TEMPERATURE
Minimum 35°F Maximum 90°F

SHELF LIFE
12 months at recommended storage temperature when stored in tightly sealed containers.

The technical data contained in this data sheet is accurate to the best of our knowledge as currently offered. No warranty is expressed or implied since the method of application and its intended use is beyond our control.