



EXTERIOR STAIN ALKYD TRANSPARENT 323/C323

Features

- Provides protection and color without obscuring the grain or texture of the wood
- May be applied to new, pressure treated lumber that has thoroughly dried
- Specially formulated to resist mildew growth on the paint film
- A water repellent coating
- Scuff resistant

General Description

A premium quality, solvent based transparent stain formulated to penetrate, protect, and beautify exterior wood decking, fencing, siding, shakes, and furniture. Trans-Oxide pigments are combined with a deeply penetrating, alkyd resin to provide the ultimate sun protection, abrasion, and mildew resistance.

Recommended For

Residential or commercial applications where a premium quality finish is desired. For application to new wood, pressure treated lumber and previous applications of stain that have weathered and are porous.

Limitations

- Not recommended for use on previously painted surfaces or substrates coated with solid color stains unless previous coating has been completely removed.
- The opacity of stains is affected by how heavily the product is applied and by the porosity or texture of the wood.

Product Information

Colors — Standard:

Natural (10), Redwood (20), Cedar (40), Silver Gray* (70)
Do not tint the colors — tinting will increase dry time and reduce transparency.
* After weathering, the Silver Gray color will change from a white to a silver gray tone.

— Tint Bases:

Not available

— Special Colors:

Contact your Benjamin Moore representative

Certification

C323 – VOC compliant in all regulated areas, except South Coast

0323 – VOC compliant in federally regulated areas only.

Technical Assistance

Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data[◇]

Natural

Vehicle Type Linseed Oil - Alkyd

Pigment Type Trans-Oxide

Volume Solids 0323 = 35%
C323 = 59%

Coverage per Gallon at Recommended Film Thickness 200 – 350 Sq. Ft.

Recommended Film Thickness – Wet Penetrating Minimal
– Dry Penetrating Minimal

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77°F – To Touch 6 - 8 Hours
(25°C) @ 50% RH – To Recoat **

Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times. Decks: Allow finish to cure for 24-48 hours ** If a second coat is desired, apply wet on wet — **See Application.**

Dries By Evaporation, Oxidation

Viscosity < 50 KU

Flash Point Combustible@ 103° F

Gloss / Sheen Flat

Surface Temperature – Min. 50°F
at Application – Max 90°F

Thin With Do Not Thin

Clean Up Thinner Mineral Spirits

Weight Per Gallon 0323 = 7.29 lbs
C323 = 8.62 lbs

Storage Temperature – Min. 40°F
– Max 90°F

Volatile Organic Compounds (VOC)

0323 = 509 Grams/Liter 4.15 lbs./Gallon
C323 = 249 Grams/Liter 2.09 lbs./Gallon

[◇] Reported values are for Natural. Contact Benjamin Moore for values of other bases or colors.

Surface Preparation

Optimal performance is achieved when the product is applied to a clean, dry and absorbent wood substrate. This product must be able to penetrate.

New Wood: Smooth planed wood siding, trim, or deck boards must be sanded thoroughly or treated with Benjamin Moore® Brighten, Brightener & Neutralizer (317) to break the "mill glaze" and allow proper penetration and adhesion. After prep is complete, test for penetration by applying a few drops of water to the dry substrate. If the water does not quickly penetrate, repeat prep or consult your Benjamin Moore® retailer.

Weathered Wood: Prior to staining, weathered wood must be treated with Benjamin Moore® Restore, for Gray & Weathered Wood (316), following label directions, until a sound surface is obtained (loose or damaged wood fibers removed).

Previously Stained Surfaces: On deck surfaces remove previous coatings completely. Existing paint, stain or sealer can be removed by sanding with an On Floor machine or using Benjamin Moore® Remove, Finish Remover (315).

Un-weathered areas such as eaves, ceilings, overhangs or protected wall areas must be washed with Benjamin Moore® Clean, Multi-Purpose Cleaner (318) and rinsed with a strong stream from a garden hose to remove surface salts that can interfere with proper adhesion.

Mildew: Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (318) prior to coating the surface.

Caution: Refer to the 315, 316, 317 and 318 technical data and material safety data sheets for instructions on their proper use and handling.

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. Carefully clean up 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.

Application

Prior to finishing, ensure having enough finish boxed or mixed to complete an entire section.

Stir thoroughly before and occasionally during use. Brushing is the preferred method of application. When applied by roller, spray, or dipping, back-brushing is recommended to ensure a uniform distribution. Apply as received in the container. If the 1st coat is absorbing unevenly a 2nd wet on wet application should be applied within 10 minutes of the application of the first coat. Do not over apply, excessive or uneven application will prolong the dry time and may result in sheen irregularity.

On smooth siding and deck surfaces, only 1 coat is recommended. On rough siding apply 1 or 2 coats as needed. Do not over apply, excessive or uneven application will prolong the dry time and may result in sheen irregularity. To minimize lapping, always maintain a wet edge. On horizontal siding apply the stain on a section of 2 or 3 boards completely across the house. Lower the ladder and continue in the same manner until the side is completed. Vertical siding is coated using the same principle from top to bottom. Never stop staining in mid-wall; continue until a natural break is reached, such as a window. On decks apply stain only a few boards at a time keeping the leading edge "wet."

Refrain from applying this finish in direct hot sun. Do not apply when air and surface temperatures are below 50°F (10°C), nor over damp surfaces or during threatening weather.

Spray, Airless:

Fluid Pressure — 1,000 to 2,000 PSI;

Tip — .011–.013 Orifice

Thinning/Cleanup

Do not thin. Clean up with mineral spirits.

DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

Environmental, Health & Safety Information

Contains: Petroleum Distillates

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE – Use foam, CO₂, dry chemical or water fog.

SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

KEEP OUT OF REACH OF CHILDREN

Refer to Material Safety Data Sheet for additional health and safety information.