



BENJAMIN MOORE®

EXTERIOR DECK & SIDING STAIN

ALKYD SEMI TRANSPARENT 328/C328

Features

- Provides protection and color without obscuring the grain or texture of the wood
- May be applied to new, pressure treated lumber
- A water repellent coating
- Scuff resistant
- Formulated to penetrate, protect, and beautify wood decking, siding, fencing, shingles and furniture
- Specially formulated to resist mildew growth on the stain film

Recommended For:

- Residential or commercial applications where a premium quality finish is desired.
- For exterior use on shakes, rough sawn textured lumber, siding, decks, fencing, furniture, rafters & beams.

General Properties

A premium quality semi transparent stain formulated to penetrate and protect wood, resist abrasion, and beautify wood decking, siding, fencing, shakes and furniture. The deeply penetrating formula offers great protection from water, sun and mildew. Its colors are semi transparent, allowing the texture and grain of the wood to show through.

Limitations:

- Do not apply when air and surface temperatures are below 50° F (10° C), nor over damp surfaces or during threatening weather.
- Not recommended for use on previously painted wood 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. Always sample the product on the actual wood surface.

Product Information

<p>Colors — Standard: Not available</p> <hr/> <p>— Tint Bases: Clear Tint Base</p> <hr/> <p>— Special Colors: Contact your Benjamin Moore & Co. representative</p> <hr/> <p>Certification Master Painters Institute MPI# 13 Formulated with non-photo chemically reactive solvents C328 - Available in all regulated areas, except South Coast 0328 - Available in federally regulated areas only.</p> <hr/> <p>Federal Specifications Generic Equivalent Meets Federal Specification TT-S-708A as a water repellent wood preservative.</p> <hr/> <p>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.</p>	<p>Technical Data ◇</p> <table border="1"> <tr> <td>Vehicle Type</td> <td>Linseed Oil</td> </tr> <tr> <td>Pigment Type</td> <td>None</td> </tr> <tr> <td>Volume Solids</td> <td>328 36% C328 56%</td> </tr> <tr> <td>Theoretical Coverage</td> <td>200 - 350 Sq. Ft.</td> </tr> <tr> <td colspan="2">Depending on surface texture and porosity. Be sure to estimate the right amount of stain for the job. This will ensure color uniformity and minimize the disposal of excess stain.</td> </tr> <tr> <td>Film Thickness</td> <td>— Wet Penetrating — Dry Minimal</td> </tr> <tr> <td colspan="2">Varies with porosity and texture of substrate</td> </tr> <tr> <td>Dry Time @ 77° F (25° C) @ 50% RH</td> <td>— Set To Touch 6 Hours — To Hard Dry 24-48 Hours</td> </tr> <tr> <td colspan="2">Under good drying conditions, a single coat will dry overnight. High humidity may prolong drying times. If a second coat is desired, apply wet on wet — See Application.</td> </tr> <tr> <td>Dries By</td> <td>Evaporation, Oxidation</td> </tr> <tr> <td>Viscosity</td> <td>< 50 KU</td> </tr> <tr> <td>Flash Point</td> <td>Combustible @ 107° F</td> </tr> <tr> <td>Gloss/Sheen</td> <td>Flat</td> </tr> <tr> <td>Surface Temperature at application</td> <td>— Min. 50° F — Max. 90° F</td> </tr> <tr> <td>Thin With</td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td>Mineral Spirits</td> </tr> <tr> <td>Weight Per Gallon</td> <td>328 - 7.27 lbs. C328 - 9.24 lbs.</td> </tr> <tr> <td>Storage Temperature</td> <td>— Min. 40° F — Max. 90° F</td> </tr> </table> <p>Volatile Organic Compounds (VOC) ◇</p> <p>328 - 504 grams / Liter 4.20 LBS / Gallon C328 - 248 grams / Liter 2.07 LBS / Gallon</p>	Vehicle Type	Linseed Oil	Pigment Type	None	Volume Solids	328 36% C328 56%	Theoretical Coverage	200 - 350 Sq. Ft.	Depending on surface texture and porosity. Be sure to estimate the right amount of stain for the job. This will ensure color uniformity and minimize the disposal of excess stain.		Film Thickness	— Wet Penetrating — Dry Minimal	Varies with porosity and texture of substrate		Dry Time @ 77° F (25° C) @ 50% RH	— Set To Touch 6 Hours — To Hard Dry 24-48 Hours	Under good drying conditions, a single coat will dry overnight. High humidity may prolong drying times. If a second coat is desired, apply wet on wet — See Application.		Dries By	Evaporation, Oxidation	Viscosity	< 50 KU	Flash Point	Combustible @ 107° F	Gloss/Sheen	Flat	Surface Temperature at application	— Min. 50° F — Max. 90° F	Thin With	Do Not Thin	Clean Up Thinner	Mineral Spirits	Weight Per Gallon	328 - 7.27 lbs. C328 - 9.24 lbs.	Storage Temperature	— Min. 40° F — Max. 90° F
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Reported values are for color shown. Contact Benjamin Moore & Co. for values of other bases or colors.

Surface Preparation

Surfaces to be stained must be clean, dry, and free of dirt, mildew, oil, or grease. Remove contaminants or chalky residue from weathered stained surfaces by washing with Benjamin Moore® CLEAN Multi-Purpose Cleaner (318). Previously painted, stained, or sealed wood can be restored by sanding or using Benjamin Moore® REMOVE Finish Remover (315). For best results, completely remove previous stain or coating.

Smooth planed lumber, clapboards, or siding must be sanded thoroughly or treated with Benjamin Moore® BRIGHTEN Brightener & Neutralizer (317) to break the "mill glaze" to allow proper penetration and adhesion.

Weathered Wood and Mildew: Prior to staining, weathered wood must be sanded or treated with Benjamin Moore® RESTORE for Gray & Weathered Wood (316), following directions, until a sound surface is obtained (loose or damaged wood fibers removed). If mildew is evident, it must be removed by scrubbing with Benjamin Moore® CLEAN Multi-Purpose Cleaner (318) prior to staining or it will continue to grow through the fresh coating. If mildew is widespread, the use of power wash spray equipment is suggested. Particular attention should be paid to overhead surfaces such as eaves and porch ceilings.

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

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

Mixing of Stain: Stain pigments do not remain in suspension as in most other types of coatings. It is important that immediately prior to use, the stain be thoroughly mixed even though it has been given a mechanical shaking by the retailer. During use, stir periodically to retain uniformity of color. Prior to staining, ensure having enough stain boxed or mixed to complete an entire section.

Preferred method on siding and deck surfaces is by brushing. For premium performance, use a Benjamin Moore® custom blended china bristle or nylon/polyester brush, Benjamin Moore® roller, or a similar product. This product can also be sprayed. Roller application should be done only on rough or textured surfaces. Back-brushing is recommended with roller or spray application.

On smooth siding and deck, only 1 coat is recommended. On rough siding apply 1 or 2 coats as needed. If a second coat is required apply it wet on wet 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. A second coat will result in greater color intensity or opacity of the finish. 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 staining 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—1,500 to 2,000 PSI;
Tip—.011 - .013 Orifice

Thinning/Cleanup

Do not thin. Clean up with mineral spirits.

Storage: Store in original container. Close container after each use.

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.** \

DANGER: RAGS, STEEL WOOL, OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL, OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

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. Product can accumulate static charges which can produce an incendiary electrical discharge. Empty containers retain product residue which can ignite. **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. Wear eye protection and gloves. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. If you experience eye watering, headaches or dizziness increase fresh air or wear a properly fitted vapor/particulate NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use.

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 15 minutes and call physician; for skin, wash with soap and water. In case of ingestion - DO NOT INDUCE VOMITING. Call physician 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
PROTECT FROM FREEZING**

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