

WATERBORNE STAINS VS. CLASSIC OIL FINISHES

Waterborne stains clean up easily (with soap and water), dry quickly and provide excellent UV protection, which slows down the fading of wood's color, known as graying. Classic oil finishes penetrate deep into the wood, resulting in a uniform finish that protects the wood inside and out. Oil stains are proven to minimize cracking and peeling and are easy to recoat.

Waterborne Stains

CODE	FINISH	VEHICLE TYPE	VOLUME SOLIDS	COVERAGE PER GALLON	DRY TIME	VOC (g/L)
W623	Waterborne Translucent Stain	Proprietary Acrylic Latex	27.9%	200 – 400 sq. ft.	Set to Touch: ½ hr. To Re-coat: 4 hrs.	< 50
N638	Waterborne Semi-Transparent Stain	Acrylic/Alkyd Urethane Blend	26.0%	200 – 400 sq. ft.	Set to Touch: ½ hr. To Re-coat: 4 hrs.	< 50
0639	Waterborne Semi-Solid Stain	100% Acrylic Latex	36.0%	300 – 400 sq. ft.	Set to Touch: ½ hr. To Re-coat: 4 hrs.	< 100
0640	Waterborne Solid Stain	100% Acrylic Latex	38.0%	300 – 400 sq. ft.	Set to Touch: 1 hr. To Re-coat: 3–4 hrs.	< 100
0610	Waterborne Ultra Flat Siding Stain	100% Acrylic Latex	32.0%	200 – 400 sq. ft.	Set to Touch: 1 hr. To Re-coat: 3–4 hrs.	< 100
0636	Waterborne Protective Clear Coat	100% Acrylic Latex	25.0%	400 – 600 sq. ft.	Set to Touch: ½ hr.	< 100
0320	Waterborne Clear Waterproofer	Water-based	NA	100 – 200 sq. ft.	Set to Touch: 2–3 hrs. To Service: Overnight	< 50

Classic Oil Finishes

CODE	FINISH	VEHICLE TYPE	VOLUME SOLIDS	COVERAGE PER GALLON	DRY TIME	VOC (g/L)
326 C326	Alkyd Translucent Finish	Alkyd/Tung Oil	52%/57%	200 – 350 sq. ft.	Set to Touch: 6–8 hrs To Recoat: 24–48 hrs.	< 350 / < 250
328 C328	Alkyd Semi-Transparent Stain	Alkyd/Linseed Oil	36%/56%	200 – 350 sq. ft.	Set to Touch: 6 hrs. To Recoat: 24–48 hrs.	> 350 / < 250
329 C329	Alkyd Semi-Solid Stain	Alkyd/Linseed Oil	36%/56%	200 – 350 sq. ft.	Set to Touch: 6-8 hrs. To Recoat: 24–48 hrs.	> 350 / < 250
0366	Alkyd Primer	Alkyd	56%	450 – 550 sq. ft.	To Recoat: 8 hrs.	< 350







ARBORCOAT CLASSIC OIL FINISHES

ARBORCOAT® WATERBORNE STAINS OUTPERFORM THE COMPETITION.

ARBORCOAT'S advanced waterborne technology has been engineered for superior durability and protection when compared to leading brands on the market today. Third-party testing results have demonstrated ARBORCOAT'S resilience to cracking, peeling and fading when applied to pressure-treated southern yellow pine (see images below).

This performance is achieved through ARBORCOAT'S unique waterborne formulation. As the product dries, this distinctive formulation allows the modified acrylic resins to penetrate deeply into the wood's cellular structure and form strong bonds. The result is excellent adhesion and durability that both beautifies and protects exterior wood surfaces, so that they can be enjoyed season after season.

BENEFITS OF ARBORCOAT' WATERBORNE STAINS

- Excellent color retention, fade and mildew resistance
- Dries in 1–3 hours
- Easy, soap-and-water clean up
- Solid Stain can be used on composite decks
- Ultra Flat Solid Siding Stain reduces imperfections and flashing (Siding only)

CLASSIC OIL FINISHES USE ADVANCED ALKYD TECHNOLOGY FOR STRONG PENETRATION AND BETTER DURABILITY.

ARBORCOAT classic oil finishes have been developed to protect exterior siding, decking, fences and outdoor furniture from the elements in a range of opacities. The unique alkyd formulation enhances the natural beauty of the wood by delivering rich color and long-lasting protection, without obscuring woodgrain or texture.

ARBORCOAT alkyd finishes penetrate deeper into the wood, provide unmatched resistance to cracking and peeling, and are easier to recoat.

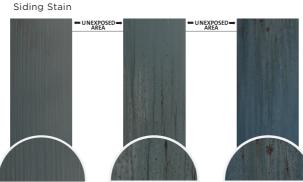
BENEFITS OF ARBORCOAT CLASSIC OIL FINISHES

- Excellent durability: resists cracking and peeling
- Provides a UV- and mildew-resistant coating
- Translucent oil finishes designed to enrich hardwoods
- Oil primer offers excellent adhesion and stain-blocking properties

SEMI-TRANSPARENT STAINS



SOLID STAINS COMPETITOR



Fading and Mold

Fading and Mold

COMPETITOR

TWO

OPACITIES

Translucent (W623) | Semi-Transparent (N638) | Semi-Solid (0639) | Solid (0640) | Ultra Flat Solid (0610) | Clear Top Coat (0636) | Clear Waterproofer (0320)











ARBORCOAT

Solid Deck &





OPACITIES

Translucent (0326/C326) | Semi-Transparent (0328/C328) | Semi-Solid (0329/C329) | Exterior Oil Primer (0366)











STAINING TIPS

PREPARATION IS THE KEY TO HIGH PERFORMANCE.

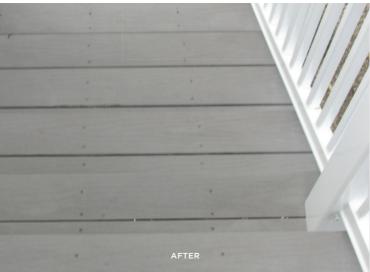
Whether you are starting a new project or restoring an existing surface, Benjamin Moore offers a complete portfolio of prep products for every job.

Newer wood surfaces should always be properly prepared in order to improve stain longevity and ensure the best long-term results, while old and weathered decks benefit from restoring products that can make them look like new again. It is important to properly care for and maintain all decks and outdoor wooden surfaces, new or old, with the proper cleaners so that they may be enjoyed for years to come.

PREP PRODUCTS

- **REMOVE** (0315) designed to remove peeling oil and latex stains
- **RESTORE** (N316) designed to restore grayed and severely weathered wood
- BRIGHTEN (0317) removes tannin and rust stains and breaks the mill glaze on new wood
- CLEAN (N318) ideal for maintenance cleaning and removing stains from mold and mildew
- COMPOSITE DECK CLEANER (0313) safe cleaner for maintaining and restoring composite and PVC decking, railings and furniture





PRODUCTS

Remove (0315) | Restore (N316) | Brighten (0317) | Clean (N318) | Composite Deck Cleaner (0313)













STAINING TIPS TO ENSURE A SUCCESSFUL PROJECT.

1 Preparation

- Approximately 80% of finish failures are due to improper preparation. Benjamin Moore® prep products are ideal to prepare the wood surface for application.
- Proper preparation results in better penetration and adhesion, a richer looking finish, increased customer satisfaction and referrals.
- To ensure a high-quality outcome, stains require a stable, dry surface free of dirt, dust, grease, mildew, loose wood fibers and mill glaze.
- Always sand surfaces after washing and allow them to dry thoroughly before staining.

2 Application

- Moisture content must be less than 15% on the day of application to ensure lasting performance.
- Stains should be applied when surface and air temperature are between 50°F and 90°F.
- To prevent lap marks, avoid staining in direct sunlight and maintain a wet edge for continuous lengths, stopping only at natural breaks.
- Roller application or spray application followed by back brushing are not only the quickest methods, but also ideal for achieving a uniform finish.
- Reference Technical Data Sheet for complete application instructions

3 Maintenance

- Encourage your clients to follow a simple ongoing maintenance plan, including regular sweeping or cleaning of dust, leaves and pollen.
- Advise clients to avoid excess moisture by not placing flowerpots or other large objects directly on the deck. Also make sure downspouts and gutters are not draining onto the deck.
- Recommend annual cleaning with prep product CLEAN (N318) MULTI-PURPOSE CLEANER.
- Recommend recoating every 12–36 months, depending on climate, traffic and customer preference.



