America’s #1 Selling Brand of Interior Stains and Clears®

Product Guide
Still number one ... and changing for the better.

Minwax® is America’s #1 Selling Brand of Interior Stains and Clears.*
Our portfolio is rich in high-performing stains, protective topcoats and specialty products that repair and maintain wood.

But we’re moving forward, building on fresh new labels and products that offer the kind of performance today’s consumers want: More convenience, more color, more customizing options.

We’re never satisfied, because #1 never is.

We keep growing better so consumers can

**KEEP ON FINISHING**

*Based on Epicor’s Industry Data Analytics for interior wood stains and clears for the 12-month period ending 3/23.

NEW FORMULAS
Because 69%** of consumers think staining takes too long, we went back to the lab and improved dry times on our flagship products: Wood Finish™ Oil-Based Penetrating Stain and Wood Finish Water-Based Color Stain (formerly Water-Based Stain). With lower dry times, projects are dry in as little as an hour!

NEW COLORS, NEW OPACITY
Today’s consumer wants more ways to get more looks, so we went to work and invented Wood Finish Water-Based Solid Color Stain. It delivers more intense color than original Semi-Transparent and covers most wood grain but accentuates texture and Minwax® is first to market with it! Now there’s no reason to paint wood!

- 5x thicker and easier to use.
- Dries even faster than before.
- Tintable to 200+ colors — the largest palette in the industry!

NEW PRODUCT LINE
Minwax Design Series offers unique new ways to customize the look of wood for a new generation of user. Apply to bare wood or layer over stain for so many options!

NEW LABELS
Notice new labels throughout the Product Guide. We’ve made the color swatches larger, the benefits clearer ... and added a unique red-seal guarantee wherever we could.

NEW EMPHASIS ON SELLING THE SYSTEM
Prep > Stain > Enhance > Protect ... because every stain project looks and lasts better with a system designed to work together.

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*2018 Minwax Interior Wood Segmentation Research Report

**Based on 3rd party consumer survey from 2018.
A great system for every project.

Find the perfect stain!

Any size project, large and small
• Deeply penetrating color that enhances wood's beauty in one coat
• Resists lapping for even color
• Dries in 2 hours*
• Use on bare or stripped wood

Smaller or more colorful projects
• Semi-transparent color showcases wood grain. Solid color shows more color, less grain
• One-coat color dries in 1 hour
• 5x thicker for easy application**
• Perfect for small projects, cabinets, doors and trim
• Available in 200+ colors

Vertical or non-porous surfaces
• No-drip oil-stain formula
• Perfect for vertical surfaces
• Also ideal for staining wood veneer, fiberglass, metal and other non-porous surfaces
• Available in 10 colors

Already-stained wood
• Rich stain color with durable poly topcoat built right in
• Dries quickly; recoat in 6 hours
• Available in 14 colors
• Choose Gloss or Satin sheen

Recommended Protective Finishes

Our most durable topcoat for oil-based stains

Offers crystal-clear protection

Delivers extreme interior/exterior protection

*Unless otherwise noted on label  **When compared to traditional oil-based stains

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Pre-Stain Wood Conditioner

Description: Minwax® Pre-Stain Wood Conditioner prepares bare wood for staining. It penetrates the grain of the wood to promote uniform acceptance of oil-based stains.

Recommended Uses: On soft or hard woods before using oil-based wood stains

Application Tool: Cloth or brush

Dry Time: 15 minutes

Clean Up: Mineral spirits or paint thinner, following manufacturer’s safety instructions

Coverage: 125 sq. ft. per quart

Coats: Normally 1, but additional coats may be applied on highly absorbent woods

<table>
<thead>
<tr>
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What is the purpose of Minwax Pre-Stain Wood Conditioner? Much of the wood used for projects is “soft” wood, such as pine or spruce. But even some hardwoods, like alder or aspen, are porous and tend to absorb stain unevenly. That’s why it’s essential to pre-treat soft or porous woods with Minwax Pre-Stain Wood Conditioner to help ensure even stain color penetration and beautiful results.

How does Minwax Pre-Stain Wood Conditioner work? Minwax Pre-Stain Wood Conditioner penetrates the pores of the wood, reducing the amount of stain the larger pores will absorb. This evens out the absorption of stain, preventing streaking and blotching.

Can Minwax Pre-Stain Wood Conditioner be used on hardwoods such as oak or mahogany? Yes, but more dramatic results will be seen on softwoods. Hardwoods tend to have a more uniform pore structure than softwoods, resulting in more uniform staining. Exceptions include maple, alder and aspen, which have uneven pore structures. Pre-Stain Wood Conditioner should be used on these woods.

What happens to Minwax Pre-Stain Wood Conditioner after two hours have elapsed? The resins in Minwax Pre-Stain Wood Conditioner will begin to dry and may inhibit stain absorption. To open the pores again, sand the wood lightly with a medium grit (#120 - #180) sandpaper.

Does Minwax Pre-Stain Wood Conditioner need to be sanded before stain is applied? No. Minwax Pre-Stain Wood Conditioner is not a sanding sealer and does not require this extra step as long as the stain is applied within 2 hours after pre-treatment.

Is it possible to apply too much Minwax Pre-Stain Wood Conditioner? No, not if label instructions are followed and any excess Minwax Pre-Stain Wood Conditioner is wiped off after 5 to 15 minutes.

Can Minwax Pre-Stain Wood Conditioner be used prior to applying a water-based stain? No. Since Minwax Pre-Stain Wood Conditioner is an oil-based product, it should only be used as a pre-stain treatment with oil-based stains such as Minwax Wood Finish stains.
Water-Based Pre-Stain Wood Conditioner

**Description:** Minwax® Water-Based Pre-Stain Wood Conditioner promotes uniform penetration of Minwax Wood Finish™ Semi-transparent and Solid color wood stains as well as Minwax Color Washes and helps control the effect of grain raising on both soft and hard woods.

**Recommended Uses:** All soft or hard woods before using Semi-transparent and Solid color wood stains

**Application Tool:** Cloth, synthetic bristle brush or foam applicator

**Dry Time:** 1-5 minutes

**Stain Application:** After allowing 15-30 minutes to dry and lightly sanding with fine grade sand paper

**Clean Up:** Soap and water

**Coverage:** 100-125 square feet per quart

**Coats:** 1

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Stainable Wood Filler

**Description:** Minwax® Stainable Wood Filler is ideal for repairing cracks, small gouges, nail holes, knot holes and other defects in all types of unfinished indoor and outdoor wood surfaces.

**Recommended Uses:** For filling cracks, small gouges, nail holes, knot holes and other defects in unfinished wood

**Application Tool:** Putty knife

**Dry Time:** 2-6 hours, depending on size of area filled

**Stain Application:** As soon as wood filler has dried and is sanded

**Clean Up:** Soap and water

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### IMPORTANT PRODUCT INFORMATION

**Minwax Water-Based Pre-Stain Wood Conditioner**

- **Pre-Stain Wood Conditioner**
  - **Product**: Water-Based Pre-Stain Wood Conditioner
  - **Size**: Quart
  - **SKU**: 618514444
  - **Casepack**: 4

**Minwax Stainable Wood Filler**

- **Stainable Wood Filler**
  - **Size**: 1 oz, 6 oz, 16 oz
  - **SKU**: 42851000, 42852000, 42853000
  - **Casepack**: 6

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**Minwax Stainable Wood Filler**

- **Color Changing Stainable Wood Filler**
  - **Size**: 5.5 oz, 8 oz, 16 oz
  - **SKU**: 448600000, 448700000, 448800000
  - **Casepack**: 12

- **Color Matched Wood Filler**
  - **Cherry Wood Filler**: 6 oz
  - **Golden Oak Wood Filler**: 6 oz
  - **Natural Wood Filler**: 6 oz
  - **Walnut Wood Filler**: 6 oz
  - **White Wood Filler**: 6 oz
  - **Gray Wood Filler**: 6 oz

**Casepack**: 8

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**Minwax Water-Based Pre-Stain Wood Conditioner**

- **Can Minwax Water-Based Pre-Stain Wood Conditioner be used prior to an oil-based stain?** No. For oil-based stains such as Minwax Wood Finish Stain and Minwax Gel Stain, use Minwax Pre-Stain Wood Conditioner.

**Can Minwax Stainable Wood Filler be used on previously stained wood?** While not ideal, it can be done. It may be difficult to match the color to the surrounding area.

**Can Minwax Stainable Wood Filler be used on hardwood floors?** No, it is not recommended.

**Can Minwax Stainable Wood Filler be used outside?** Absolutely. Minwax Stainable Wood Filler can be used on exterior wood surfaces.

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**Minwax Water-Based Pre-Stain Wood Conditioner**

- **What is the purpose of Minwax Water-Based Pre-Stain Wood Conditioner?** Water-based stains react differently to wood than do oil-based stains. When using water-based stains, it’s essential to treat all types of wood with Minwax Water-Based Pre-Stain Wood Conditioner. Minwax Water-Based Pre-Stain Wood Conditioner helps promote even stain penetration and reduces the effect of grain raising.

**Does Minwax Water-Based Pre-Stain Wood Conditioner need to be sanded after it dries?** Yes. Sanding will smooth out any grain that was raised during the application of the Conditioner.

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**Minwax Stainable Wood Filler**

- **What kind of stain does Minwax Stainable Wood Filler accept?** Minwax Stainable Wood Filler is designed to accept all Minwax penetrating stains, including Minwax Wood Finish™, Minwax Gel Stain and Minwax Water-Based Wood Stain.

**Can Minwax Stainable Wood Filler be top-coated?** Yes. Minwax Stainable Wood Filler has been designed to work within the Minwax system. It can be top-coated with any Minwax protective clear finish, including Minwax Fast-Drying Polyurethane, Minwax Polycrylic™ Protective Finish. It also can be painted.

**Can stainable wood filler be used with a one-step stain and finish, such as Minwax PolyShades®?** No, it is not recommended for use with Minwax PolyShades.

**Can I use Minwax Stainable Wood Filler on hardwood floors?** No, it is not recommended.

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**Minwax Stainable Wood Filler**

- **Can Minwax Stainable Wood Filler be used on previously stained wood?** While not ideal, it can be done. It may be difficult to match the color to the surrounding area.

**Can a nail or screw be put in the repaired area?** Yes, Stainable Wood Filler dries to a hard, strong consistency that securely holds nails and screws.

**How is Minwax Stainable Wood Filler different from Minwax Wood Putty®?** Minwax Wood Putty is designed to fill minor surface imperfections in finished wood. It comes in ten colors to match Minwax Wood Finish stains and it does not harden. Stainable Wood Filler is designed to fill nail holes, cracks, small gouges and other defects in unfinished wood. It does not come pre-colored. It readily accepts any Minwax stain and, once stained, will match the surrounding wood.
Wood Finish™ Oil-Based Penetrating Stain

Description: Minwax® Wood Finish is a penetrating oil-based wood stain, which provides beautiful rich color that enhances the natural wood grain. Our innovative new formula delivers the same premium oil-rich color as before, but in a single coat that dries in just two hours. Start your project today and finish today with new faster dry time.

Recommended Uses: Unfinished wood furniture, woodwork, doors, hardwood floors, cabinets, accessories and trim

Application Tool: Natural bristle brush, or clean cloth

Recoat: 2-4 hours depending on color
Topcoat: 4-6 hours depending on color
Dry Time: 2-4 hours depending on color
Clean Up: Mineral spirits or paint thinner

Coverage: 150 sq. ft. per quart

Coats: 1 coat. To darken the color, apply a second coat after 2-4 hours (time dependent on color).

Wood Finish

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<td>Weathered Oak</td>
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How long should I leave Minwax® Wood Finish™ on the wood?
Allow the stain to penetrate 5 to 15 minutes. The longer the stain is left on the wood, the deeper it will penetrate. For a light tint, just wipe the excess stain off after a few minutes; for deeper, richer color, wait as long as 15 minutes.

Is it necessary to sand after the Minwax Wood Finish has dried?
No. In fact, we advise against it. Sanding will result in the removal of some of the dyes and pigments in the stained wood. Since Minwax Wood Finish does not raise the grain, no sanding is necessary before adding the clear protective finish.

Does Minwax Wood Finish need to be topcoated?
For added beauty and protection, we recommend topcoating all projects with a clear protective finish such as Minwax Fast-Drying Polyurethane or Minwax Polycrylic® Protective Finish.

Can Minwax Wood Finish colors be mixed to create additional colors?
Yes, if a desired stain color can only be achieved by mixing two colors, simply experiment with different proportions until the desired color is achieved. Then mix enough stain to complete the entire project to avoid color-matching later.

Why don’t some woods match the colors on the Minwax product brochures and samples?
Wood can vary in color and pore structure even within the same species. Because every piece of wood is unique, final stain color may vary. While our samples are tested for accuracy, it is always best to first test Minwax Wood Finish on a small, inconspicuous area on the project.

Minwax launched an update to the Wood Finish formula with quicker dry time. Can I use the original Wood Finish formula with the new, fast drying wood finish formula?
Yes, both formulas are compatible with each other. Best practice includes mixing the colors together to ensure color uniformity. We suggest adhering to the dry time of the original formula.

Coverage: 150 sq. ft. per quart

Coats: 1 coat. To darken the color, apply a second coat after 2-4 hours (time dependent on color).
Wood Finish™ 250 V.O.C. Compliant Oil-Based Penetrating Stain

Minwax® Wood Finish 250 VOC Compliant is a penetrating oil-based wood stain that provides beautiful rich color that enhances the natural wood grain. It applies easily and penetrates deep into the pores of the wood.

**Recommended Uses:** Unfinished wood furniture, woodwork, doors, hardwood floors, cabinets, accessories

**Application Tool:** Brush, cloth or foam applicator

**Coverage:** 500 sq. ft. per gallon

**Coats:** 1 coat. To darkener the color, apply a second coat after 3-4 hours (time dependent on color).

**Dry Time:** 1-4 hours depending on color

**Topcoat:** Mineral spirits

**Clean Up:** Mineral spirits

**Topcoat:** 6 hours

**Recoat:** 3-4 hours depending on color

**Curing:** 3-4 hours depending on color

**Maximum VOC of 250 g/L**

**Topcoat:** 6 hours

**Recoat:** 3-4 hours depending on color

**Curing:** 3-4 hours depending on color

**IMPORTANT PRODUCT INFORMATION**

What are Minwax Wood Finish 250 V.O.C. Compliant Stains?

Minwax Wood Finish 250 V.O.C. Compliant Stains are specially formulated stains that comply with environmental regulations that limit Volatile Organic Compound (V.O.C.) content to 250 grams per liter in semi-transparent interior stains in select regions of the U.S. This product contains higher concentrations of quality resins that lead to a thicker consistency than ordinary stains. Be sure to follow label directions carefully, especially as they pertain to application, dry time and coverage.

Why is it important to wipe off the excess stain?

The colorants in Minwax Wood Finish 250 V.O.C. Compliant Stain are designed to be deposited in the wood pores, not on the surface of the wood. Any pigments allowed to remain on top of the wood will impair topcoat adhesion – causing the finish to peel.

Can I mix Minwax Wood Finish 250 V.O.C. Compliant Stain with the Wood Finish 550 V.O.C. Stain line?

The 250 V.O.C. Compliant Stain colors have been matched to the standards of the Minwax Wood Finish 550 V.O.C. Stain line. Both the Wood Finish 250 V.O.C. Compliant Stain and the Wood Finish 550 V.O.C. stains. The 250 V.O.C. Compliant Stain colors are made using different base systems that are not compatible and therefore, they should NOT be mixed/boxed. However, the finished results are the same … beautiful, consistent color.

Do the colors of the Minwax Wood Finish 250 V.O.C. Compliant Stain match the Wood Finish 550 V.O.C. Stain line?

Yes. The 250 V.O.C. Compliant Stain colors are matched to the standards of the Minwax Wood Finish 550 V.O.C. Stain line. You will see no color difference between 250 V.O.C. Compliant Stain and the Wood Finish 550 V.O.C. stains.

Why don’t some woods match the colors on the Minwax product brochures and samples?

Wood can vary in color and pore structure even within the same species. Because every piece of wood is unique, final stain color may vary. While our samples are tested for accuracy, before you begin, it is always best to first test Minwax Wood Finish on a small, inconspicuous area on the project.
**Gel Stain**

**Description:** Minwax® Gel Stain is specifically designed to give you full control over the staining process and help you achieve beautiful results.

**Recommended Uses:** Woodwork, furniture, doors, molding, trim, cabinets, accessories.

**Application Tool:** Brush, cloth or foam applicator

**Recoat:** 8-10 hours

**Dry Time:** 24 hours

**Clean Up:** Mineral spirits

**Coverage:** 200 sq. ft. per quart

**Coats:** 1 coat. To darken the color, apply a second coat after 8-10 hours.

**Topcoat:** None required.

**Dry Time:** 24 hours

**Clean Up:** Soap & water

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**Wood Finish™ Water-Based Semi-Transparent Color Stain**

**Description:** Minwax® Wood Finish Semi-Transparent Color Stain is a penetrating, water-based stain that opens up a world of possibilities with 200+ tintable color options in just one wood grain-enhancing coat.

**Recommended Uses:** Ideal for small projects, unfinished furniture, cabinets, doors and trim. Not for use on floors.

**Application Tool:** Clean rag or synthetic brush

**Recoat:** One Coat color. To intensify color, a second coat may be added.

**Topcoat:** Minwax Polycrylic®

**Dry Time:** 1 hour

**Clean Up:** Soap & water

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**Important Product Information**

**What makes Minwax Gel Stain different from traditional stains such as Minwax Wood Finish?**

Its name says it all: Minwax Gel Stain has a gelled consistency. The non-drip formula makes it an ideal choice for vertical surfaces. Because it is thick-bodied, it stays more toward the surface of the wood, allowing greater color control during application. In addition, Gel Stain can be applied to non-wood surfaces, including metal, veneer and fiberglass, to give them a beautiful wood appearance.

**Does Minwax Gel Stain need to be topcoated?**

For added beauty and protection, we recommend topcoating all interior projects with a clear protective finish such as Minwax Fast-Drying Polyurethane or Minwax Water-Based GL-Modified Polyurethane. For exterior applications, use Minwax Helmsman® Spar Urethane.

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**What’s the best way to apply Minwax Gel Stain to a fiberglass door?**

Fiberglass is non-porous and won’t absorb the stain the way a wood surface does. So, it’s best to apply Gel Stain with a bristle brush. Excess stain should be wiped out with the brush—not wiped away with a rag. See application instructions on the label or visit www.minwax.com for more information.

**Should Minwax Pre-Stain Wood Conditioner be used with Gel Stain?**

Yes. Some woods, such as pine and maple, tend to absorb stains unevenly. Before using Gel Stain, Minwax Pre-Stain Wood Conditioner should be applied to ensure even stain penetration.

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**Wood Finish Semi-Transparent Color Stain**

**Coverage:** 100 sq. feet

**Coats:** One Coat color

**Topcoat:** Minwax Polycrylic®

**Dry Time:** 1 hour

**Clean Up:** Soap & water

---

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**How is this different from the Minwax Water-Based Wood Stain?**

Minwax Wood Finish Color Stain is 5x thicker for easier application control and less mess. It is available in grab-&-go colors, and is tintable to 200+ colors, vs. the 40+ in Water-Based Wood Stain.

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**Important Product Information**

**I really like the Brazilian Rosewood color in Minwax Gel Stain, but I don't see it anywhere else, and I don't want to use Gel Stain. Can I have it tinted in Wood Finish Color Stain?**

Yes! You can tint any Minwax color in Wood Finish Color Stain!
Wood Finish™ Water-Based Solid Color Stain

Description: Minwax® Wood Finish Solid Color Stain is a penetrating, water-based stain that opens up a world of possibilities with 200+ tintable color options to hide more wood grain while maintaining the wood texture.

Recommended Uses: Ideal for small projects, unfinished furniture, cabinets, doors and trim. Not for use on floors.

Application Tool: Synthetic brush for application. Synthetic pad for removal

Recoat: One Coat color. To intensify color, a second coat may be added.

Topcoat: Minwax Polycrylic®
Dry Time: 1 hour
Clean Up: Soap & water

Coverage: 100 sq feet
Coats: One Coat color

Wood Finish Solid Color Stain

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How is Wood Finish Solid Color Stain solid different than the Wood Finish Semi-Transparent Color Stain?
They are similar in that they are both 5x thicker than traditional stains for easier application control and less mess. They are both available in grab-&-go colors, and are both tintable to 200+ colors. What is different is how opaque they are. Semi-Transparent stain allows you to add color to your wood, while highlighting beautiful wood grain. Solid Stain offers a more opaque finish that hides more wood grain, but maintains the natural texture of real wood. Solid Stain will give you a more even, consistent color across the entire surface.

How does that work?
For best results, we recommend using a high quality synthetic brush to apply a liberal coat of Solid Stain. Within three minutes of applying, use a synthetic pad (similar to those used for paint; not a “stain pad”) to remove the excess stain, moving with the direction of the grain. This application method will mitigate differences in pressure and give the most even color.

I really like the Brazilian Rosewood color in Minwax Gel Stain, but I don’t see it anywhere else, and I don’t want to use Gel Stain. Can I have it tinted in Wood Finish Color Stain?
Yes! You can tint any Minwax color in Wood Finish Color Stain!

Topcoat:
Minwax Polycrylic®

Dry Time:
1 hour

Clean Up:
Soap & water

Coverage:
100 sq feet

Coats:
One Coat color

IMPORTANT PRODUCT INFORMATION

The label says to use a synthetic pad for this stain. How does that work?
For best results, we recommend using a high quality synthetic brush to apply a liberal coat of Solid Stain. Within three minutes of applying, use a synthetic pad (similar to those used for paint; not a “stain pad”) to remove the excess stain, moving with the direction of the grain. This application method will mitigate differences in pressure and give the most even color.

I really like the Brazilian Rosewood color in Minwax Gel Stain, but I don’t see it anywhere else, and I don’t want to use Gel Stain. Can I have it tinted in Wood Finish Color Stain?
Yes! You can tint any Minwax color in Wood Finish Color Stain!
What is the best way to select a sheen? Sheen choice is a personal preference. Satin sheens reflect less light and gloss sheens reflect more light.

Is one sheen more durable than the others? No. The additives that distinguish satin from semi-gloss and gloss do not compromise the durability of the finish.

What can be done to avoid bubbles in the finish? There are four ways. First, stir, don't shake, the can. Second, use a high-quality natural bristle brush. Third, work the finish into the wood, but don't compromise the durability of the finish. Fourth, “tip-off” the finish before stopping, carefully running the brush at a 45-degree angle the length of each board in one unbroken movement. This will burst and smooth out any bubbles that may have been created.

Should Minwax Fast-Drying Polyurethane be sanded between coats? Yes. A light sanding (#220 sandpaper) will remove any fine particles of dust that have settled on the finish while it was still wet. Light sanding also helps abreast the surface, improving intercoat adhesion.

Why does Minwax Fast-Drying Polyurethane sometimes take longer to dry than the instructions indicate? The drying time is affected by the amount of moisture in the air, the air temperature and the thickness of the coats. When humidity is high, temperature is low, or coats are thick, it takes longer for the film to dry.

What is the best way to determine how many coats of Minwax Fast-Drying Polyurethane to apply? If you look closely at the wood in bright, direct light, you should not be able to detect any dry spots. If you do, an additional coat is necessary to protect the wood.

Does Minwax Fast-Drying Polyurethane need to be waxed? No. Wax does provide an extra layer of protection, but it will prevent you from applying an additional coat of Minwax Fast-Drying Polyurethane in the future. Additionally, this product is faster drying than other oil-based 350 V.O.C. polyurethanes available.

What is Satin, Ultra Flat Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

Coverage: 125 sq. ft. per quart
Coats: 2-3
Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

What is the best way to select a sheen? Sheen choice is a personal preference. Satin sheens reflect less light and gloss sheens reflect more light.

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Should Minwax Fast-Drying Polyurethane be sanded between coats? Yes. A light sanding (#220 sandpaper) will remove any fine particles of dust that have settled on the finish while it was still wet. Light sanding also helps abreast the surface, improving intercoat adhesion.

Why does Minwax Fast-Drying Polyurethane sometimes take longer to dry than the instructions indicate? The drying time is affected by the amount of moisture in the air, the air temperature and the thickness of the coats. When humidity is high, temperature is low, or coats are thick, it takes longer for the film to dry.

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Coats: 2-3
Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

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What can be done to avoid bubbles in the finish? There are four ways. First, stir, don’t shake, the can. Second, use a high-quality natural bristle brush. Third, work the finish into the wood, but don’t compromise the durability of the finish. Fourth, “tip-off” the finish before stopping, carefully running the brush at a 45-degree angle the length of each board in one unbroken movement. This will burst and smooth out any bubbles that may have been created.

Should Minwax Fast-Drying Polyurethane be sanded between coats? Yes. A light sanding (#220 sandpaper) will remove any fine particles of dust that have settled on the finish while it was still wet. Light sanding also helps abreast the surface, improving intercoat adhesion.

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What is Satin, Ultra Flat Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

Coverage: 125 sq. ft. per quart
Coats: 2-3
Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

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What is Satin, Ultra Flat Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

Coverage: 125 sq. ft. per quart
Coats: 2-3
Sheens: Gloss, Semi-Gloss, Satin, Ultra Flat

What is the best way to select a sheen? Sheen choice is a personal preference. Satin sheens reflect less light and gloss sheens reflect more light.

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Should Minwax Fast-Drying Polyurethane be sanded between coats? Yes. A light sanding (#220 sandpaper) will remove any fine particles of dust that have settled on the finish while it was still wet. Light sanding also helps abreast the surface, improving intercoat adhesion.

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Oil-Modified Polyurethane

Description: Minwax® Water-Based Oil-Modified Polyurethane combines superior durability and the warm look of traditional polyurethane with the convenience of a water-based finish.

Recommended Uses: Woodwork, furniture, doors, cabinets, floors

Application Tool: Synthetic bristle brush, foam brush or lamb’s wool applicator

Recoat: After 2 hours

Dry Time: 24 hours before light use

Clean Up: Warm water

Coverage: 125 sq. ft. per quart

Water-Based Oil-Modified Polyurethane

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Polycrylic® Protective Finish

Description: Minwax® Polycrylic Protective Finish is a crystal clear, ultra-fast-drying protective topcoat. Now also available in a new sheen, Ultra Flat!

Recommended Uses: Woodwork, furniture, cabinets, doors, not recommended for floors

Application Tool: Synthetic bristle brush

Recoat: After 2 hours

Dry Time: 3 hours for light handling, 24 hours for normal use

Clean Up: Soap and warm water

Coverage: 125 sq. ft. per quart

Polycrylic Protective Finish

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Why does Minwax Polycrylic Protective Finish appear milky in the can? Yes. The two products can be used over each other as long as the first has fully cured. Follow the directions for the product you are using. Be sure to apply each coat with only one product. Do not finish part of a surface with one topcoat and part with the other as this could result in a uneven appearance across the surface of the wood.

When applying Polycrylic over wood that has not been sealed with a wood stain, how can grain raising be minimized? Light sanding also helps abrade the surface, improving intercoat adhesion.

Should Polycrylic be sanded between coats? No. Since steel wool and water can cause rust, steel wool should be avoided around all water-based wood finishing products. A stray strand lodged in the surface could leave an unsightly stain in the wood.

Will water damage Polycrylic after it has dried? Yes, since the resin has dried and hardened they cannot be re-dissolved by water. The dry film resists damage from water and household spills.

IMPORTANT PRODUCT INFORMATION

Where can I use Water-Based Oil-Modified Polyurethane? Water-Based Oil-Modified Polyurethane is ideal for use on all interior bare or stained wood surfaces including furniture, cabinets, doors and floors. It can be applied over oil-based stains like Minwax Wood Finish or Minwax Gel Stain. It also can be applied over Minwax Water-Based Oil-Modified Polyurethane with the convenience of a water-based finish.

Can I mix Water-Based Oil-Modified Polyurethane with Minwax Fast-Drying Polyurethane? No. The oil-based and water-based products are not compatible and they should not be mixed together. However, the results are the same—a beautiful, durable finish!

Can I apply Water-Based Oil-Modified Polyurethane over Fast-Drying Polyurethane or vice versa? Yes, the two products can be applied over each other as long as the first has fully cured. Follow the directions for the product you are using. Be sure to apply each coat with only one product. Do not finish part of a surface with one topcoat and part with the other as this could result in a uneven appearance across the surface of the wood.

Why does Minwax Polycrylic Protective Finish appear milky in the can? The milky white appearance is caused by the scattering and reflection of light striking the liquid and the particles suspended in it. The slight haziness disappears on the wood leaving a clear finish.

When applying Polycrylic over wood that has not been sealed with a wood stain, how can grain raising be minimized? Sand the wood prior to applying Polycrylic. Before the final sanding, moisten the wood with a rag or sponge dipped in water. Allow the wood to dry, then sand off the raised grain with #220 sandpaper. After wiping off the dust, apply Polycrylic.

IMPORTANT PRODUCT INFORMATION

When applying Polycrylic over wood that has not been sealed with a wood stain, how can grain raising be minimized? Yes, provided the Wood Finish has dried completely, which generally takes 24 hours. The one exception is over Wood Finish Red Mahogany Stain. Polycrylic and Red Mahogany are not compatible.

IMPORTANT PRODUCT INFORMATION

Why does Minwax Polycrylic Protective Finish appear milky in the can? Yes. The slight haziness disappears on the wood leaving a clear finish.

When applying Polycrylic over wood that has not been sealed with a wood stain, how can grain raising be minimized? Yes. A light sanding (#220 sandpaper) will remove any fine particles of dust which settle on the finish while it is still wet. Light sanding also helps abrade the surface, improving intercoat adhesion.

Can I use steel wool in place of fine sandpaper? No. Since steel wool and water can cause rust, steel wool should be avoided around all water-based wood finishing products. A stray strand lodged in the surface could leave an unsightly stain in the wood.

Will water damage Polycrylic after it has dried? Yes. Since the resin has dried and hardened they cannot be re-dissolved by water. The dry film resists damage from water and household spills.
One Coat Polyurethane

Description: One Coat Polyurethane lets you complete projects three times faster and its advanced formulation provides the same level of durability in one coat that is comparable to three coats of a conventional polyurethane.

Recommended Uses: Woodwork, furniture, cabinets, doors, not recommended for floors

Application Tool: Synthetic bristle brush

Recoat: No recoat needed
Dry Time: 2 hours
Clean Up: Soap and warm water
Coverage: 50 sq. ft. per quart

Sheens:
- Gloss
- Semi-gloss
- Satin

One Coat Polyurethane

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Wipe-On Poly

Description: Minwax® Wipe-On Poly is a durable, clear finish that combines polyurethane protection with classic, hand-rubbed beauty.

Recommended Uses: Furniture, cabinets, woodwork, trim, doors; small floor touch-ups (scratches)

Application Tool: Lint-free cloth

Recoat: After 2-3 hours
Dry Time: 24 hours before normal use
Clean Up: Mineral spirits or paint thinner
Coverage: 125 sq. ft. per quart
Coats: 2-3
Sheens: Gloss, Satin

Can Minwax Wipe-On Poly be applied over Minwax® Wood Finish™ or other stains?
Yes. Minwax Wipe-On Poly is a great way to protect finished or unfinished wood. Be sure to allow wood that has been stained to dry completely before topcoating with Minwax Wipe-On Poly.

Should Minwax Wipe-On Poly be sanded between coats?
Yes. A light sanding with very fine sandpaper (#220) or fine steel wool will remove any fine particles of dust that may have settled on the finish while it was wet. Allow Minwax Wipe-On Poly to dry 2-3 hours before applying the next coat. If a third coat is desired, repeat the same procedure.

IMPORTANT PRODUCT INFORMATION
Clear Brushing Lacquer

Description: Minwax® Clear Brushing Lacquer is a clear, protective finish for wood and metal.
Recommended Uses: Woodwork, cabinets, furniture, interior doors, accessories, not recommended for floors
Application Tool: High quality natural bristle brush
Reccoat: Dry to touch in 30 minutes; recoat after 2 hours
Dry Time: 24 hours before normal use
Clean Up: Lacquer thinner

Coverage: 125 sq. ft. per quart
Sheens: Gloss, Semi-Gloss, Satin

IMPORTANT PRODUCT INFORMATION

Does Minwax Clear Brushing Lacquer require sanding between coats? No. Since each coat melts into prior coats, there is no need to sand for adhesion. Also, since each coat dries to the touch in 30 minutes or less, there is less time for dust and debris to fall into the wet coating.

Can Minwax Clear Brushing Lacquer be used on floors? No. Brushing Lacquer is not recommended for use on floors. Instead use Minwax Fast-Drying Polyurethane or Minwax Super Fast-Drying Polyurethane for Floors.

Can Minwax Clear Brushing Lacquer and Minwax Lacquer Sanding Sealer be used over Minwax Stains? Yes. Minwax Clear Brushing Lacquer and Minwax Lacquer Sanding Sealer can be applied over Minwax Wood Finish™, Minwax Water-Based Wood Stains and Minwax Gel Stains. If Lacquer Sanding Sealer is applied over stain, it is important not to sand too aggressively. Sanding through the sealer will damage the color.

Does Minwax Clear Brushing Lacquer change the color of the wood? No. Unlike polyurethanes, which can amber over time, Brushing Lacquer remains clear.

Can Minwax Clear Brushing Lacquer be used in commercial spraying equipment? No. Brushing Lacquer is specifically formulated to deliver excellent results when applied with a brush. It is not suitable for use in spray equipment. Minwax Clear Aerosol Lacquer can be used on furniture, stands and other projects where the convenience of an aerosol spray is desired.

Can lacquer be used over polyurethane? Can polyurethane be used over lacquer? No and no. Polyurethanes and lacquers are not compatible with each other. Applying one over the other may cause problems with adhesion.

What type of applicator works best with Minwax Clear Brushing Lacquer and sanding sealer? Brushing lacquers work best with natural bristle brush. When choosing an applicator, the most important factor is selecting a high quality brush with tapered bristles that will enable you to "flow" the lacquer onto the wood. Avoid over-brushing, which can leave brush marks in the dried film. Do not use a foam brush, since it will dissolve.

Helmsman® Spar Urethane

Description: Minwax® Helmsman Spar Urethane is specially formulated as a protective clear finish for exterior or interior wood exposed to sunlight, water or temperature changes.
Recommended Uses: Doors, windows, trim, bathroom cabinets, bar tops, kitchen countertops, outdoor furniture, not recommended for floors
Application Tool: Natural bristle brush
Reccoat: After 4 hours
Dry Time: 24 hours before normal use
Clean Up: Mineral spirits

Coverage: 125 sq. ft. per quart
Sheens: Gloss, Semi-Gloss, Satin

IMPORTANT PRODUCT INFORMATION

How does Helmsman Spar Urethane differ from other polyurethanes? Helmsman contains special ultraviolet absorbers to help protect wood from the grasping and fading effects of the sun. Helmsman also contains special oils that allow it to expand and contract with seasonal temperatures changes.

Can I use Helmsman on interior floors? No. Helmsman is formulated to expand and contract with seasonal temperatures changes.

Is Helmsman suitable for decks and fences? No. Decks and fences have special requirements for protection against the elements. Use an exterior waterproofing product such as Thompson’s® WaterSeal® Waterproofer Plus Clear Wood Protector.

Helmsman looks dark in the can. Will this be the color that ends up on the wood? No. Minwax Helmsman may appear slightly dark or purple in the can, but it dries to a beautiful clear finish.

Note: Also available in half pints

Summary:

**Clear Brushing Lacquer**
- **Description:** Minwax® Clear Brushing Lacquer is a clear, protective finish for wood and metal.
- **Recommended Uses:** Woodwork, cabinets, furniture, interior doors, accessories, not recommended for floors.
- **Application Tool:** High quality natural bristle brush.
- **Reccoat:** Dry to touch in 30 minutes; recoat after 2 hours.
- **Dry Time:** 24 hours before normal use.
- **Clean Up:** Lacquer thinner.
- **Coverage:** 125 sq. ft. per quart.
- **Sheens:** Gloss, Semi-Gloss, Satin.

**Helmsman® Spar Urethane**
- **Description:** Minwax® Helmsman Spar Urethane is specially formulated as a protective clear finish for exterior or interior wood exposed to sunlight, water or temperature changes.
- **Recommended Uses:** Doors, windows, trim, bathroom cabinets, bar tops, kitchen countertops, outdoor furniture, not recommended for floors.
- **Application Tool:** Natural bristle brush.
- **Reccoat:** After 4 hours.
- **Dry Time:** 24 hours before normal use.
- **Clean Up:** Mineral spirits.
- **Coverage:** 125 sq. ft. per quart.
- **Sheens:** Gloss, Semi-Gloss, Satin.
- **Note:** Also available in half pints.
Water-Based Helmsman® Spar Urethane

**Description:** Minwax® Water-Based Helmsman Spar Urethane is a crystal clear, water-based finish that is specially formulated to protect wood against nature's toughest conditions.

**Recommended Uses:** Doors, windows, trim, bathroom cabinets, bar tops, kitchen countertops, outdoor furniture, not recommended for floors

**Application Tool:** Synthetic bristle brush

**Recoat:** After 2 hours

**Dry Time:** 24 hours before normal use

**Clean Up:** Warm water

**Coverage:** 125 sq. ft. per quart

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<thead>
<tr>
<th>Product</th>
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<tr>
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</table>

**Recoat:** After 2 hours

**Dry Time:** 24 hours before normal use

**Clean Up:** Warm water

**Coverage:** 125 sq. ft. per quart

Coats: 3-4

VOC Content: Maximum VOC of 275 g/L

Sheens: Gloss, Semi-Gloss, Satin

Do I get the same protection with the Water-Based Helmsman formula as I do with the Oil-Based Helmsman product? Yes. You’ll receive the same long-lasting beauty and protection with Water-Based Helmsman as you have for years with the oil-based Helmsman product.

Does Water-Based Helmsman naturally amber like the traditional oil-based product? No. Water-Based Helmsman is a non-ambering, crystal clear finish. Note that stains, paint and light colored coatings applied under Water-Based Helmsman may amber normally. Always spot test on an inconspicuous area to ensure satisfactory results.

Can I mix Water-Based Helmsman with the Oil-Based Helmsman product? No. The oil-based and water-based products are not compatible and they should not be mixed together.

Can I apply Water-Based Helmsman over the Oil-Based Helmsman product or vice versa? Yes. The two products can be applied over each other as long as the first has fully cured. Follow the directions for the product you are using. Be sure to apply each coat with only one product. Do not finish part of a surface with one topcoat and part with the other as this could result in an uneven appearance across the surface of the wood.

Can Water-Based Helmsman be used on interior floors? No. Water-Based Helmsman is formulated to expand and contract with temperature changes. Because it is flexible, it is not suitable for use on floors. Floors require a harder finish such as Minwax Water-Based Oil-Modified Polyurethane.

Should Water-Based Helmsman Spar Urethane be applied to exterior furniture? Yes, but no clear exterior finish will permanently protect wood against direct sun, snow, ice and rain. Be sure to check the finish annually to determine if it needs to be recoated. If the finish warrants, apply an additional coat of Water-Based Helmsman according to the label directions.

Is Water-Based Helmsman suitable for decks and fences? No. Decks and fences have special requirements for protection against the elements. Use an exterior waterproofing product such as Thompson’s® WaterSeal® Advanced Natural Wood Protector.
Sanding Sealer

**Description:** Minwax® Professional Formula Sanding Sealer is a clear sealant formulated for application over bare wood. Its quick dry feature allows for sealing and topcoating your project in one day.

**Recommended Uses:** Use over bare wood floors, furniture, doors and cabinets before topcoating with any Minwax oil- or water-based polyurethane.

**Application Tool:** Synthetic bristle brush, foam applicator, or synthetic pad applicator.

**Dry Time:** 1 hour

**Clean Up:** Soap and water

**Coverage:** 125 sq. ft. per quart

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Super Fast-Drying Polyurethane for Floors (350 V.O.C.)

**Description:** Minwax® Super Fast-Drying Polyurethane for Floors is a clear, oil-based, durable, protective finish specifically formulated for use on hardwood floors.

**Recommended Uses:** Hardwood floors

**Application Tool:** Lambswool or synthetic pad applicator, or a natural bristle brush

**Recoat:** After 3-4 hours

**Dry Time:** 12-18 hours for light foot traffic; 72 hours to replace furniture

**Clean Up:** Mineral spirits or paint thinner

**Coverage:** 600-700 sq. ft. per gallon

**Sheens:** Gloss, Semi-Gloss, Satin

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**What is Minwax Sanding Sealer?**

Minwax Sanding Sealer is formulated to work as a basecoat under any Minwax oil- or water-based polyurethane finish. It seals the wood grain, and is designed to be easy to sand, providing an ultra-smooth finish. It is formulated for use on unstained, interior, bare wood surfaces including floors, furniture, doors and cabinets.

**How long does it take for Minwax Sanding Sealer to dry?**

It takes Minwax Sanding Sealer only one hour to dry! The quick dry feature of Minwax Sanding Sealer allows you to seal and topcoat your project in one day.

**Which Minwax products can be used with Minwax Sanding Sealer?**

Minwax Sanding Sealer can be used with any Minwax oil or water-based polyurethane finish, such as Minwax Fast-Drying Polyurethane, Minwax Super Fast-Drying Polyurethane for Floors, or Minwax Water-Based Oil-Modified Polyurethane.

**Can Minwax Sanding Sealer be used over stained wood?**

This is not recommended. The purpose of Sanding Sealer is to seal the wood and form a basecoat for a protective clear finish. If the wood has been stained, Sanding Sealer is not necessary. In addition, it’s possible to scuff the stain while sanding the sealer. Sanding Sealer is best used on bare wood.

**Can stain be applied over Minwax Sanding Sealer?**

No. Sanding Sealer completely seals the wood. It will prevent the wood from absorbing stain.

---

**What is the difference between Minwax Super Fast-Drying Polyurethane for Floors and Minwax Fast-Drying Polyurethane?**

Minwax Super Fast-Drying Polyurethane for Floors has been designed to dry faster than regular polyurethanes. It provides superior durability. Its optimized drying technology provides a 25% faster recoat time than regular polyurethanes, and does not require sanding between coats. It applies more easily than regular polyurethane on floor surface, with an advanced anti-settling formula that needs less stirring and has fewer “fights and losses,” resulting in an even sheen across the floor surface.

Should polyurethane for floors be sanded between coats?

While not necessary, Polyurethane for Floors can be sanded between coats for maximum smoothness. Allow the finish to dry 4-6 hours before sanding. A light sanding between coats is necessary only if Polyurethane for Floors has been allowed to dry for 12 hours or more.

**Can Minwax Super Fast-Drying Polyurethane for Floors be used over Minwax stains?**

Yes, Minwax Super Fast-Drying Polyurethane for Floors has been formulated to work within the Minwax system. It can be used over Minwax Wood Finish™ Stain and Minwax Gel Stain.

---

**What is Minwax Super Fast-Drying Polyurethane for Floors?**

Minwax® Super Fast-Drying Polyurethane for Floors is a durable, clear, high-performance protective finish specifically formulated for use on hardwood floors. It can be used as a topcoat over a Minwax® Professional Formula Sanding Sealer basecoat.

**Recommended Uses:** Hardwood floors

**Application Tool:** Lambswool or synthetic pad applicator, or a natural bristle brush

**Recoat:** After 3-4 hours

**Dry Time:** 12-18 hours for light foot traffic; 72 hours to replace furniture

**Clean Up:** Mineral spirits or paint thinner

**Coverage:** 600-700 sq. ft. per gallon

**Sheens:** Gloss, Semi-Gloss, Satin

---

**What is the difference between Minwax Super Fast-Drying Polyurethane for Floors and Minwax Fast-Drying Polyurethane?**

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Should polyurethane for floors be sanded between coats?

While not necessary, Polyurethane for Floors can be sanded between coats for maximum smoothness. Allow the finish to dry 4-6 hours before sanding. A light sanding between coats is necessary only if Polyurethane for Floors has been allowed to dry for 12 hours or more.

**Can Minwax Super Fast-Drying Polyurethane for Floors be used over Minwax stains?**

Yes, Minwax Super Fast-Drying Polyurethane for Floors has been formulated to work within the Minwax system. It can be used over Minwax Wood Finish™ Stain and Minwax Gel Stain.

---

**Sheens:** Satin, Semi-Gloss, Gloss

**Coats:** 2-3

**Coverage:** 600-700 sq. ft. per gallon

**Dry Time:** 12-18 hours for light foot traffic; 72 hours to replace furniture

**Clean Up:** Mineral spirits or paint thinner

---

**What is the difference between Minwax Super Fast-Drying Polyurethane for Floors and Minwax Fast-Drying Polyurethane?**

Minwax Super Fast-Drying Polyurethane for Floors has been designed to dry faster than regular polyurethanes. It provides superior durability. Its optimized drying technology provides a 25% faster recoat time than regular polyurethanes, and does not require sanding between coats. It applies more easily than regular polyurethane on floor surface, with an advanced anti-settling formula that needs less stirring and has fewer “fights and losses,” resulting in an even sheen across the floor surface.

Should polyurethane for floors be sanded between coats?

While not necessary, Polyurethane for Floors can be sanded between coats for maximum smoothness. Allow the finish to dry 4-6 hours before sanding. A light sanding between coats is necessary only if Polyurethane for Floors has been allowed to dry for 12 hours or more.

**Can Minwax Super Fast-Drying Polyurethane for Floors be used over Minwax stains?**

Yes, Minwax Super Fast-Drying Polyurethane for Floors has been formulated to work within the Minwax system. It can be used over Minwax Wood Finish™ Stain and Minwax Gel Stain.
**Ultimate Floor Finish**

Description: Minwax® Ultimate Floor Finish is a technologically advanced, durable topcoat for floors that provides exceptional levels of floor durability in a crystal clear finish. Minwax® Ultimate Floor Finish is great for any hardwood floor, and its crystal clear properties make it ideal for use over light colored woods such as maple, and over light colored stains such as Classic Gray and Weathered Oak.

What is the advantage of using Minwax Ultimate Floor Finish?
Minwax® Ultimate Floor Finish is different from other floor polyurethanes in that it provides floor levels of durability in a crystal clear finish that is lower in odor than traditional, solvent-based polyurethanes. It cleans up easily with soap and warm water, and is fast drying — it can be recoated in only two hours. It is a perfect clear on the wood!

Can Minwax Ultimate Floor Finish be used over Minwax Stains?
Yes. Minwax® Ultimate Floor Finish has been formulated to work within the Minwax system. When staining floors, we recommend Minwax Wood Finish™ stain. What if I have a light colored wood or stain? Will Minwax Ultimate Floor Finish alter the color of my hardwood floor?
No. One of the unique things about Ultimate Floor Finish is that it dries completely clear, and does not amber over time. It is ideal for use over light and grey stains, such as Minwax Wood Finish Weathered Oak and Classic Gray, as well as over very light colored woods such as maple. It also works great over all colors of wood and stain!

Can Minwax Ultimate Floor Finish be used over Minwax Professional Formula Sanding Sealer?
Yes. If the floor is bare wood, and is not going to be stained, Minwax Professional Formula Sanding Sealer can be used as a first coat under Minwax Ultimate Floor Finish. First the Sanding Sealer should be applied according to label directions. After the Sanding Sealer has dried, it must be sanded. Then Ultimate Floor Finish can be applied. Can Minwax Ultimate Floor Finish look whitish/milky in the can? Will this be how it looks on the floor?
Minwax® Ultimate Floor Finish will dry beautifully and be perfectly clear on the wood! Minwax Ultimate Floor Finish appears cloudy in the can. Will this be how it looks on the floor?

**IMPORTANT PRODUCT INFORMATION**

**What is Minwax® Professional Formula Sanding Sealer?**
Yes. If the floor is bare wood, and is not going to be stained, Minwax Professional Formula Sanding Sealer can be used as a first coat under Minwax® Ultimate Floor Finish. First the Sanding Sealer should be applied according to label directions. After the Sanding Sealer has dried, it must be sanded. Then Ultimate Floor Finish can be applied. Can Ultra Fast-Drying Polyurethane for Floors be used with Minwax Professional Formula Sanding Sealer?
Yes. You'll receive the same long-lasting beauty and protection with Ultra Fast-Drying Polyurethane for Floors as you have for years with Minwax Wood Finish™ stain.

**Ultra Fast-Drying Polyurethane for Floors**

Description: Minwax® Ultra Fast-Drying Polyurethane for Floors is a clear, water-based, durable protective finish specifically formulated for use on hardwood floors. Recommended Uses: Hardwood floors. Application Tool: Synthetic pad applicator.

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<th>Size</th>
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<td>Semi-Gloss</td>
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</tr>
<tr>
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**IMPORTANT PRODUCT INFORMATION**

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<tr>
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**Can Ultra Fast-Drying Polyurethane for Floors be used over Minwax Stains?**
Yes. If the floor is bare wood, and is not going to be stained, Minwax Professional Formula Sanding Sealer can be used as a first coat under Minwax® Professional Formula Sanding Sealer. Yes. Ultra Fast-Drying Polyurethane for Floors has been formulated to work within the Minwax system. When staining floors, we recommend Minwax Wood Finish™ stain. Does Ultra Fast-Drying Polyurethane for Floors amber naturally like Super Fast-Drying Polyurethane for Floors?
No. Ultra Fast-Drying Polyurethane for Floors is a water-based formula and Super Fast-Drying Polyurethane for Floors is oil-based. The two products are not compatible and they should not be mixed together.

**Can Ultra Fast-Drying Polyurethane for Floors be used with Minwax Professional Formula Sanding Sealer?**
Yes. If the floor is bare wood, and is not going to be stained, Minwax Professional Formula Sanding Sealer can be used as a first coat under Ultra Fast-Drying Polyurethane for Floors. First, the Sanding Sealer should be applied according to label directions. After the Sanding Sealer has dried, it must be sanded. Then Ultra Fast-Drying Polyurethane for Floors can be applied.

**Can Ultra Fast-Drying Polyurethane for Floors be used over very light colored wood such as maple?**
Yes. If the floor is bare wood, and is not going to be stained, Minwax Professional Formula Sanding Sealer can be used as a first coat under Ultra Fast-Drying Polyurethane for Floors. First, the Sanding Sealer should be applied according to label directions. After the Sanding Sealer has dried, it must be sanded. Then Ultra Fast-Drying Polyurethane for Floors can be applied.

**Can Ultra Fast-Drying Polyurethane for Floors be used with Minwax Professional Formula Sanding Sealer?**
Yes. If the floor is bare wood, and is not going to be stained, Minwax Professional Formula Sanding Sealer can be used as a first coat under Ultra Fast-Drying Polyurethane for Floors. First, the Sanding Sealer should be applied according to label directions. After the Sanding Sealer has dried, it must be sanded. Then Ultra Fast-Drying Polyurethane for Floors can be applied.

**Can Ultra Fast-Drying Polyurethane for Floors be used over Super Fast-Drying Polyurethane for Floors?**
Yes. You'll receive the same long-lasting beauty and protection with Ultra Fast-Drying Polyurethane for Floors as you have for years with Super Fast-Drying Polyurethane for Floors.
Hardwood Floor Reviver

Description: Minwax® Hardwood Floor Reviver quickly and easily renews the beauty of hardwood floors that are dull, scratched or showing signs of wear.

Recommended Uses: Hardwood floors

Application Tool: Painter's pad or synthetic applicator

Dry Time: 2 hours for light foot traffic; 24 hours to replace furniture

Coverage: Approx. 175-225 sq. ft. per quart

VOC Content: Maximum VOC of 275 g/L

Sheens: Low gloss, High Gloss

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What is Minwax Hardwood Floor Reviver?
Stronger and more durable than polish, Reviver is a topcoat that restores shine and provides a layer of protection to any unwaxed, polyurethane-finished floor. Reviver quickly and easily renews the beauty of hardwood floors that are dull, scratched, scuffed or showing signs of wear.

Can Reviver be used on pre-finished hardwood floors and laminate floors?
No. Reviver will not adhere to pre-finished or laminate flooring. If you are unsure if your floor is pre-finished, test Reviver on an inconspicuous area.

Can Reviver be used on floors that are in very poor condition?
No. Badly damaged floors or floors that have large areas where the finish is worn away will require a complete refinishing.

How do I prepare the floor before I apply Reviver?
There is no sanding or special preparation required. Simply sweep or vacuum the floor to remove all loose dirt. Then, wash the floor with a mild oil-free cleaner such as Minwax Hardwood Floor Cleaner and allow to dry.

Does Reviver need to be mixed with water?
No. Reviver is premixed and ready to use.

How do I apply Reviver?
Squirt Reviver lightly in an “S” pattern directly onto the floor working one area at a time. Then spread the Reviver with a painter’s pad in the direction of the grain and let dry.

Will Reviver change the color of my floor?
No. Reviver is non-ambering. It dries quickly to a crystal clear finish.

How often can I use Reviver?
Reviver can be reapplied every 3-6 months as needed.
### PolyShades®

**Description:** Minwax® PolyShades enhances wood grain by combining beautiful rich stain color and long-lasting polyurethane protection in one easy step.

**Recommended Uses:** Furniture, woodwork, doors, cabinets, accessories

**Application Tool:** High-quality natural bristle brush

**Recoat:** After 6 hours

**Dry Time:** 6 hours

**Clean Up:** Mineral spirits

**Coverage:** 125-150 sq. ft. per quart

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**Sheens:** Gloss, Satin

**Important Product Information**

**What is the advantage of PolyShades?**
PolyShades combines stain for rich beautiful color with polyurethane for tough protection in one product. It is an ideal choice for those who want to save the time involved in staining with one product and protecting with another.

**Should Minwax Pre-Stain Wood Conditioner be used as a pretreatment prior to PolyShades?**
Yes, if the wood being stained is soft or porous. Soft or porous woods, such as pine or aspen, tend to absorb stain unevenly. Before using PolyShades on soft or porous woods, Minwax Pre-Stain Wood Conditioner should be applied to ensure even stain penetration.

**Can PolyShades be applied over an existing finish?**
Yes, as long as the previous finish is not lacquer or shellac. Be sure to test the selected color on a hidden spot to see how it will look over the original finish. To prepare the surface, make sure that the finish is clean and has had all wax and polish removed. Then lightly sand with 180 or 220 sandpaper. The surface is then ready to be coated with PolyShades.

**Can Minwax Fast-Drying Polyurethane or Wipe-On Poly be applied over PolyShades?**
Yes. Since PolyShades contains polyurethane, additional protection, without added color, can be provided with a clear coat of Minwax Fast-Drying Polyurethane or Wipe-On Poly over the last coat of PolyShades.

**Can PolyShades be used on floors?**
PolyShades is not recommended for use on floors. Instead, stain with Minwax Wood Finish™ and topcoat with Minwax Super Fast-Drying Polyurethane for Floors or Minwax Fast-Drying Polyurethane.
Blend-Fil® Pencil

**Description:** Minwax® Blend-Fil Pencils are perfect for easy touch-up and repair of scratches and nail holes in stained and finished wood. They’re a quick, no-mess way to maintain the beauty of wood. Available in a variety of colors to match specific Minwax Wood Finish™ stain colors and many other wood stains, Minwax Blend-Fil Pencils can also be mixed to create custom colors.

**Recommended Uses:** Furniture, woodwork, molding, cabinets, doors, paneling, accessories

**Application Tool:** Pencil

**Dry Time:** Ready for immediate use

**Clean Up:** Mineral spirits or paint thinner following manufacturer’s safety instructions

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<th>Blend-Fil Pencil</th>
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</tbody>
</table>

Wood Putty®

**Description:** Minwax® Wood Putty is a non-hardening, pre-mixed putty that repairs small holes and covers other minor imperfections in painted, stained, and finished wood.

**Recommended Uses:** Bare, stained or finished woodwork, paneling, molding, trim and doors

**Application Tool:** Putty knife

**Surface Preparation:** No sanding necessary

**Clean Up:** Soap and water

<table>
<thead>
<tr>
<th>Wood Putty</th>
<th>Color</th>
<th>SKU</th>
<th>Casepack</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry</td>
<td>15815001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Colonial Maple</td>
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</tr>
<tr>
<td>Early American</td>
<td>15814001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Ebony</td>
<td>15816001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Golden Oak</td>
<td>15817001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
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<tr>
<td>Gray</td>
<td>15820000</td>
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<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Natural Pine</td>
<td>15810001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Pickled Oak</td>
<td>15819001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Red Mahogany</td>
<td>15818001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>Walnut</td>
<td>15817001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>15818001</td>
<td>6</td>
<td>3.75 oz.</td>
<td></td>
</tr>
</tbody>
</table>
How is Minwax Wood Putty different from Minwax High Performance Wood Filler?
Unlike Minwax High Performance Wood Filler, Minwax Wood Putty is a non-hardening putty designed to cosmetically fill nail holes, joints and other minor surface imperfections. Additionally, Wood Putty is color-matched to the Minwax Wood Finish stain line. Minwax High Performance Wood Filler is a heavy-duty filler that repairs damaged or rotted wood.

How is Minwax Wood Putty different from Minwax Stainable Wood Filler?
Minwax Wood Putty is designed to fill minor surface imperfections in finished wood. It comes in ten colors to match Minwax Wood Finish stains and does not harden. Minwax Stainable Wood Filler is designed to fill nail holes, cracks, gouges and other defects in unfinished wood. It does not cure pre-colored. It readily accepts Minwax stain and, once stained, will match the surrounding wood. Minwax Stainable Wood Filler hardens and is strong enough to hold nails and screws.

Wood Putty Color Match Chart

<table>
<thead>
<tr>
<th>Wood Putty</th>
<th>Wood Finish™</th>
<th>PolyShades®</th>
<th>Gel Stain</th>
<th>WB Wood Stain</th>
</tr>
</thead>
<tbody>
<tr>
<td>900 White</td>
<td>Simply White</td>
<td>None</td>
<td>None</td>
<td>Pure White</td>
</tr>
<tr>
<td>909 Natural Pine</td>
<td>Natural</td>
<td>Honey Pine</td>
<td>Honey Maple</td>
<td>Harvest Grain, Honeydew</td>
</tr>
<tr>
<td>910 Golden Oak</td>
<td>Fruitwood, Golden Oak, Puritan Pine, Weathered Oak</td>
<td>Mission Oak, Royal Walnut</td>
<td>Aged Oak, Cherrywood, Chestnut</td>
<td>Colonial Pine, Honey Comb</td>
</tr>
<tr>
<td>923 Colonial Maple</td>
<td>Colonial Maple, Gunstock</td>
<td>Natural Cherry, Olds Maple, Pecan</td>
<td>Antique Maple, Cherrywood</td>
<td>Honey Comb, Oriental Ginger, Terracotta, Vermont Maple</td>
</tr>
<tr>
<td>924 Walnut</td>
<td>Dark Walnut, Espresso, Jacobean</td>
<td>Chestnut, Hickory, Walnut</td>
<td>American Walnut, Coffee</td>
<td></td>
</tr>
<tr>
<td>925 Red Mahogany</td>
<td>Honey Red, Mahogany, Red Oak, Sycamore Red</td>
<td>Antique Walnut, Bombay Honey, Mahogany</td>
<td>Brazilian Rosewood, Mahogany, Red Elm</td>
<td>Burgundy, Rosewood Toffee</td>
</tr>
<tr>
<td>930 Early American</td>
<td>Driftwood Early American, English Chestnut, Provincial, Special Walnut</td>
<td>Mission Oak</td>
<td>Aged Oak, Chestnut, Coffee</td>
<td>Colonial Pine</td>
</tr>
<tr>
<td>935 Cherry</td>
<td>Cherry, Golden Pecan, Tobacco Pine, Natural</td>
<td>Classic Oak, Pecan</td>
<td>Cherrywood</td>
<td>Harvest Gold, Honey Comb, Oriental Ginger, Vermont Maple</td>
</tr>
<tr>
<td>960 Pickled Oak</td>
<td>Classic Gray, Pickled Oak</td>
<td>None</td>
<td>None</td>
<td>Driftwood, Honeydew</td>
</tr>
<tr>
<td>9718 Ebony</td>
<td>Ebony</td>
<td>Classic Black, Espresso</td>
<td>Black</td>
<td>Classic Black, Onyx</td>
</tr>
</tbody>
</table>

High Performance Wood Hardener

**Description:** Minwax® High Performance Wood Hardener is a quick-drying liquid formulated to strengthen and reinforce decayed or rotting wood.

**Recommended Uses:** Windowills, doors, woodwork, floors, decks, furniture.

**Application Tool:** Disposable bristle brush

**Dry Time:** 2-4 hours, then fill with Minwax High Performance Wood Filler

**Clean Up:** Acetone, following manufacturer’s safety instructions

**High Performance Wood Hardener**

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Performance Wood Hardener</td>
<td>Pint</td>
<td>41700000</td>
<td>6</td>
</tr>
</tbody>
</table>
High Performance Wood Filler

**Description:** Minwax® High Performance Wood Filler permanently repairs damaged and rotted wood. It is used to fill gouges and holes in split, damaged or rotted exterior or interior woods.

**Recommended Uses:** Windowsills, doors, woodwork, floors, decks, furniture

**Application Tool:** Narrow putty knife

**Surface Preparation:** Prior to use, strengthen and reinforce decayed or rotting wood using Minwax High Performance Wood Hardener

**Sand:** After 30 minutes

**Clean Up:** Acetone following manufacturer’s safety instructions

**Product Size**

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Performance Wood Filler</td>
<td>12 oz</td>
<td>21600000</td>
<td>6</td>
</tr>
<tr>
<td>High Performance Wood Filler</td>
<td>6 oz</td>
<td>41600000</td>
<td>6</td>
</tr>
</tbody>
</table>

**IMPORTANT PRODUCT INFORMATION**

Can Minwax High Performance Wood Filler be stained? Staining High Performance Wood Filler is not recommended. Minwax High Performance Wood Filler accepts stain differently than wood does. It is unlikely that a close color match will be achieved. For repairs that require an exact stain match, use Minwax Stainable Wood Filler.

Wood Cabinet & Hardwood Floor Cleaner

**Description:** Minwax® Wood Cabinet Cleaner is specially formulated to help you maintain the natural beauty of your finished wood and laminate surfaces.

**Recommended Uses:** Wood surfaces with a clear, unwaxed finish

**Application Tool:** Cloth or microfiber

**Usage Frequency:** As often as necessary

**Product Size**

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood Cabinet Cleaner</td>
<td>32 oz</td>
<td>52070004</td>
<td>4</td>
</tr>
<tr>
<td>Hardwood Floor Cleaner</td>
<td>32 oz</td>
<td>62070004</td>
<td>4</td>
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</tbody>
</table>

**IMPORTANT PRODUCT INFORMATION**

What are the advantages of using Minwax Wood Cabinet Cleaner? Minwax Wood Cabinet Cleaner is great for quick and easy touch-ups of nicks and scratches on wood surfaces without leaving a residue, which other all-purpose cleaners may leave.

Where can I use Minwax Wood Cabinet Cleaner? Use Minwax Wood Cabinet Cleaner on finished kitchen cabinets, furniture, moldings and any other wood surfaces which have not been waxed or oiled. Because most shellacs contain wax, Minwax cleaners should not be used on wood finished with shellac. Do not use product on bare or unfinished wood.

Wood Finish™ Stain Marker

**Description:** Minwax Wood Finish Stain Markers are great for quick and easy touch-ups of nicks and scratches on wood furniture, moldings, cabinets, doors, floors and other wood surfaces in your home.

**Recommended Uses:** Furniture, kitchen cabinets, doors, floors, molding, and other interior wood surface

**Application Tool:** Marker-type dispenser

**Dry Time:** Ready for immediate use

**Clean Up:** Mineral spirits or paint thinner following manufacturer’s safety instructions

**Wood Finish Stain Markers**

<table>
<thead>
<tr>
<th>Wood Finish Stain Markers</th>
<th>Colors</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry</td>
<td>1/3 oz</td>
<td>63486000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Dark Walnut</td>
<td>1/3 oz</td>
<td>63487000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Early American</td>
<td>1/3 oz</td>
<td>63485000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Ebony</td>
<td>1/3 oz</td>
<td>63490000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Golden Oak</td>
<td>1/3 oz</td>
<td>63484000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Provincial</td>
<td>1/3 oz</td>
<td>63480000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Red Mahogany</td>
<td>1/3 oz</td>
<td>63484000</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Red Oak</td>
<td>1/3 oz</td>
<td>63485000</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

**Wood Finish Stain Marker Color Chart**

<table>
<thead>
<tr>
<th>Wood Finish Stain Marker</th>
<th>Wood Finish</th>
<th>PolyShades®</th>
<th>Gel Stain</th>
<th>WB Wood Stain</th>
</tr>
</thead>
<tbody>
<tr>
<td>2106 Golden Oak</td>
<td>English Chestnut, Golden Oak, Natural, Puritan Pine, Weathered Oak</td>
<td>Classic Oak, Honey Pine, Mission Oak, Pecan</td>
<td>Honey Maple</td>
<td>English Oak, Harvest Gold</td>
</tr>
<tr>
<td>21 Provincial</td>
<td>Driftwood, Provincial, Special Walnut</td>
<td>Honey, Tudor</td>
<td>Hickory, Walnut</td>
<td>American Walnut, Coffee</td>
</tr>
<tr>
<td>215 Red Oak</td>
<td>Red Oak</td>
<td>American Chestnut, Royal Walnut</td>
<td>Hickory, Red Elm, Walnut</td>
<td>Rosewood, Toffee</td>
</tr>
<tr>
<td>215 Red Mahogany</td>
<td>Red Chestnut, Red Mahogany</td>
<td>Antique Walnut, Bombay Mahogany</td>
<td>Brazilian Rosewood, Mahogany, Red Elm, Walnut</td>
<td>Cinnamon Toast</td>
</tr>
<tr>
<td>230 Early American</td>
<td>Early American, Fruitwood</td>
<td>Mission Oak</td>
<td>Aged Oak, Chestnut, Coffee</td>
<td>Hickory, Desert Sand</td>
</tr>
<tr>
<td>235 Cherry</td>
<td>Cherry, Colonial Maple, Golden Pecan, Gunstock, Ipswich Pine, Sedona Red</td>
<td>Antique Walnut, Oxide Maple, Royal Walnut</td>
<td>Antique Maple, Cherrywood</td>
<td>Harvest Gold</td>
</tr>
<tr>
<td>2716 Dark Walnut</td>
<td>Dark Walnut, Espresso, Jacobean</td>
<td>Tudor</td>
<td>Walnut</td>
<td>American Walnut</td>
</tr>
<tr>
<td>2718 Ebony</td>
<td>Ebony</td>
<td>Classic Black, Espresso</td>
<td>Black</td>
<td>Classic Black, Onyx</td>
</tr>
</tbody>
</table>
**Pad Applicators & Refills**

**Description:** Minwax® Pad Applicators provide a shed-resistant application with a smooth & even finish for all stain projects.

**Recommended Uses:** Windowsills, doors, woodwork, floors, furniture

<table>
<thead>
<tr>
<th>Product</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>5” Lambskin Handheld Stain Pad</td>
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<td>6</td>
</tr>
<tr>
<td>10” Lambskin Stain Pad</td>
<td>427106100</td>
<td>6</td>
</tr>
<tr>
<td>10” Lambskin Stain Pad Refill</td>
<td>427130100</td>
<td>6</td>
</tr>
<tr>
<td>10” Synthetic Stain Pad</td>
<td>427203000</td>
<td>6</td>
</tr>
<tr>
<td>10” Synthetic Stain Pad Refill</td>
<td>427202010</td>
<td>6</td>
</tr>
<tr>
<td>Stain Mitt</td>
<td>427900200</td>
<td>6</td>
</tr>
</tbody>
</table>

**Can a stain pad be reused?**
When properly cared for, Minwax Stain Pads can be used for multiple projects. To extend the life of these stain pads, clean immediately after use.

**For oil-based coatings,** clean with solvent recommended on the label of the product used. For water-based coatings, wash in warm, soapy water. Allow to air dry.

**Why use a Stain Pad?**
Minwax Stain Pads allow for a uniform, even application of stains, urethanes, varnishes, sealers, and floor waxes. These pads hold stain without runs, providing better control and finish. Minwax Stain Pads are also shed-resistant, to help provide a flawless, professional look to any stain project.

**What is the difference between a lambskin and a synthetic stain pad?**
Lambskin stain pads are a standard in the industry, and are recommended for use with oil-based stains and clear coats. Minwax Synthetic Stain Pads are specially formulated for smooth and easy application of water-based stains and clear coats.
**Teak Oil**

**Description:** Helmsman® Teak Oil protects dense woods and enhances wood grain by penetrating into wood pores, restoring the wood’s natural warmth and richness.

**Recommended Uses:** Outdoor and indoor wood furniture and wood surfaces above the water line.

**Application Tool:** Cloth or brush

**Dry Time:** 6-8 hours

**Clean Up:** Mineral spirits or paint thinner according to manufacturer’s safety recommendations

**Coverage:** 125-150 sq. ft. per quart

**Coats:** 1-2

---

**IMPORTANT PRODUCT INFORMATION**

**What surfaces is Helmsman Teak Oil recommended for?**

Helmsman Teak Oil is great for indoor and outdoor furniture made from hardwoods and on marine wood surfaces above the waterline.

**Can I apply Helmsman Teak Oil to wood floors or outdoor decks?**

No, Helmsman Teak Oil is not recommended for wood floors or outdoor decks. Helmsman Teak Oil protects dense woods from moisture and UV rays by penetrating into the wood pores. Helmsman Teak Oil is not recommended for use on floors. For hardwood floors, we recommend products such as Minwax® Fast-Drying Polyurethane. For outdoor decks try Thompson’s® WaterSeal®.

**Does Helmsman Teak Oil contain UV inhibitors?**

Yes, Helmsman Teak Oil does contain UV protection to delay the sun from graying the wood over time.

**Should Helmsman Teak Oil be applied repeatedly?**

Yes, Helmsman Teak Oil should be reapplied whenever the wood appears to be dry or worn out in order to restore the effectiveness of the finish.

---

**Paste Finishing Wax**

**Description:** Minwax® Paste Finishing Wax protects and adds hand-rubbed luster to any finished wood surface.

**Recommended Uses:** Furniture, antiques, woodwork, cabinets, doors, paneling, accessories

**Application Tool:** Cloth

**Dry Time:** 10-15 minutes prior to buffing

**Clean Up:** Mineral spirits or paint thinner following manufacturer’s safety instructions

**Coats:** 1 over a previous finish; 2 over raw wood

---

**Tung Oil Finish**

**Description:** Minwax Tung Oil Finish creates a remarkably durable, hand-rubbed luster in minutes.

**Recommended Uses:** Furniture, antiques, woodwork, cabinets, doors, paneling, accessories

**Application Tool:** Cloth or brush

**Recoat:** After 24 hours

**Dry Time:** 5-10 minutes prior to buffing

**Clean Up:** Mineral spirits or paint thinner following manufacturer’s safety instructions

**Coverage:** 125-150 sq. ft. per quart

**Coats:** 2 or 3

---

**IMPORTANT PRODUCT INFORMATION**

**Paste Finishing Wax**

<table>
<thead>
<tr>
<th>Paste Finishing Wax</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
</tr>
<tr>
<td>Natural</td>
</tr>
<tr>
<td>Special Dark</td>
</tr>
</tbody>
</table>

**Tung Oil Finish**

<table>
<thead>
<tr>
<th>Tung Oil Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
</tr>
<tr>
<td>Tung Oil</td>
</tr>
<tr>
<td>Tung Oil</td>
</tr>
</tbody>
</table>
Antique Furniture Refinisher

Description: Minwax Antique Furniture Refinisher removes old finishes, including shellac, lacquer and some early forms of varnish.

Recommended Uses: Furniture, antiques, woodwork, cabinets, doors, paneling, accessories

Application Tool: Steel wool

Clean Up: Mineral spirits or paint thinner, following manufacturer’s safety instructions

Removal: medium steel wool or synthetic stripping pad and rags

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antique Furniture Refinisher</td>
<td>Quart</td>
<td>6700000</td>
<td>6</td>
</tr>
</tbody>
</table>
Design Series Color Wash

**Description:** Minwax® Color Wash is a water-based, transparent layering stain that adds a touch of age and character to bare and already-stained wood. Layer over any oil- or water-based stain for extra depth and interest. Ideal for small projects, furniture, cabinets, doors and trim.

**Recommended Uses:** Ideal for small projects, furniture, cabinets, doors and trim.

**Application Tool:** Synthetic foam, foam brush, or rag

**Recoat:** 1 hour

**Topcoat:** 1 hour

**Dry Time:** 1 hour

**Clean Up:** Soap and water

<table>
<thead>
<tr>
<th>Water-Based Wood Stain</th>
<th>Color</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
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<tr>
<td>White Wash</td>
<td>Quart</td>
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<td></td>
</tr>
<tr>
<td>Barnwood Brown</td>
<td>Quart</td>
<td>4011400000</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Weathered Gray</td>
<td>Quart</td>
<td>4001400000</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**Coverage:** 100 sq. ft. per quart

**Coats:** One-coat color. To intensify color, a second coat may be added.

---

**Design Series Wood Effects

**Description:** Minwax® Water-Based Wood Effects works with wood’s tannins to produce a naturally aged look in minutes. Every piece of wood reacts differently, so every project is unique. Ideal for unfinished wood furniture, cabinets, doors, trim and molding.

**Recommended Uses:** Ideal for unfinished wood furniture, cabinets, doors, trim and molding

**Application Tool:** Synthetic or foam brush

**Dry Time:** 1 hour

**Recoat:** 1 hour

**Topcoat:** 1 hour

**Clean Up:** Soap and water

**Coverage:** 150 sq. ft. per quart

**Coats:** One-coat color. To intensify color, a second coat may be added.

<table>
<thead>
<tr>
<th>Wood Effects</th>
<th>Product</th>
<th>Size</th>
<th>SKU</th>
<th>Casepack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weathered Gray</td>
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<td>4</td>
<td></td>
</tr>
<tr>
<td>Charred</td>
<td>Quart</td>
<td>4041400000</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

---

**What is Minwax Design Series Wood Effects?**

It is a Water-Based Wood Stain that accelerates the look of aged wood in minutes. Unlike the other Water-Based products: Clear and White Tint Bases, the wood effects stains do not require tinting and is ready to use right out of the can. This stain works best with bare or stripped wood by reacting with the wood tannins, creating unique looks every time. As the stain dries, the effect develops.

**How do I apply Minwax Design Series Wood Effects?**

For best results, we recommend using a foam brush applicator. Apply product in direction of the wood grain and let it dry. Unlike other stains, there is no need to wipe away excess Wood Effects stain.

---

**What is a color wash?**

It is a Water-Based Wood Stain that adds a subtle shade of color to wood while allowing the natural grain to show through. Unlike the other Water-Based products: Clear and White Tint Bases, the color washes do not require tinting and is ready to use right out of the can. Minwax Design Series Color wash can be applied over oil, such a Minwax Wood Finish™ stain or Minwax water-based stain.

**Should Minwax Design Series Color Wash be used on floors?**

No. Water-based stains dry very quickly, making them difficult to apply evenly over large surfaces. For very large areas such as floors, we recommend an oil-based product such as Minwax Wood Finish™ stain.

**How long should Minwax Water-Based Wood Stain be left on wood?**

Water-based stains dry very quickly. It should be allowed to penetrate no more than two minutes before wiping away the excess.

**Does Minwax Design Series Wood Effects require a topcoat?**

For a rustic & aged look that will continue to patina with time, a topcoat is not required. If you prefer increased durability and protection while maintaining the rustic and aged look, we recommend Minwax Polycrylic® Protective Finish.

**Should Minwax Design Series Wood Effects be used on floors?**

No. Water-based stains dry very quickly, making them difficult to apply evenly over large surfaces. For very large areas such as floors, we recommend an oil-based product such as Minwax Wood Finish™ stain.
Minwax Clear Protective Finishes

Issue:
Clear protective finish is drying very slowly and is tacky (oil-based).

Solution:
Low temperature, high humidity, poor ventilation and over application will slow the drying process. Increasing temperature, lowering humidity and improving ventilation will help speed the drying process. In situations where the product was over applied, dry times will take longer. Multiple thin coats dry faster than fewer heavy coats.

Minwax High Performance Wood Filler

Issue:
Minwax High Performance Wood Filler is not accepting stain.

Solution:
Minwax High Performance Wood Filler is a two-part wood filler for filling gouges, holes and damaged areas in wood. While it can be painted, it does not accept stain well. For repairs that require an exact stain match, use Minwax Stainable Wood Filler.

Minwax Helmsman® Spar Urethane

Issue:
Helmsman was applied last year or several months ago and it has already begun to peel, chip or crack.

Solution:
Minwax Helmsman Spar Urethane and Water-Based Helmsman Spar Urethane are clear protective finishes for interior or exterior wood that is exposed to sunlight, water or temperature change. Early wear is usually a sign of not applying the appropriate number of coats. Minwax Helmsman Spar Urethane requires 2-3 coats and Water-Based Helmsman Spar Urethane requires 3-4 coats. The finish should be evaluated on an annual basis. Wood that is exposed to more severe weather will require more frequent recoating.

For early wear signs such as peeling, chipping or cracking, sand, remove dust and apply another coat of Minwax Helmsman Spar Urethane or Minwax Water-Based Helmsman Spar Urethane according to label directions.

If the coating is severely weathered, it should be completely stripped. Clean and let the wood dry thoroughly. Apply Helmsman Spar Urethane according to label directions. For best performance, apply Helmsman on all sides, including the top and bottom of any project.

Minwax Stainable Wood Filler

Issue:
Stainable Wood Filler is not accepting stain or has a “halo” appearance.

Solution:
When applying Minwax Stainable Wood Filler, be precise, as it is a latex formula for wood. Do not overfill or spread past the affected area. This will fill the grain and may cause a “halo” effect after sanding. In situations where there are tight spots, resand the affected area and reapply the stain label directions. Minwax Stainable Wood Filler is an excellent choice for disguising defects in the wood, although depending on the size of the affected area, it may be visible to the eye.

Minwax Clear Protective Finishes

Issue:
Bubbles or brush marks in the finish coat.

Solution:
When applying a clear finish, overworking the product or trying to smooth it out after it becomes tacky can cause bubbles or leave brush marks. Instead, let product dry to label directions, resand and apply another coat without overworking. It is also very important to use the recommended brush for application. A china bristle brush should be used for all oil-based product applications and a synthetic brush should be used for all water-based product applications.

Never shake a clear finish because it will cause bubbles; instead stir thoroughly.

Minwax Pre-Stain Wood Conditioner

Issue:
Minwax Wood Finish® appears blotchy and uneven.

Solution:
Much of the wood used today for projects is “soft” wood, such as pine or spruce. But even some hardwoods like alder or aspen are porous and tend to stain unevenly. To help ensure even stain color penetration, it is essential to pre-treat soft or porous woods with Minwax Pre-Stain Wood Conditioner. If the color is blotchy and uneven, sand to bare wood, remove dust and apply Minwax Pre-Stain Wood Conditioner according to label directions. Proceed with stain application after 15 minutes, but no more than 2 hours.

Minwax Water-Based Pre-Stain Conditioner

Issue:
Minwax Water-Based Wood Stain appears blotchy and uneven, or surface is rough to touch.

Solution:
Water-based stains react differently to wood than do oil-based stains. When using Minwax Water-Based Wood Stains, always use Minwax Water-Based Pre-Stain Wood Conditioner before staining to help promote even stain penetration and reduce the effect of grain raising. If the color is blotchy and uneven, or the surface is rough to the touch, sand to bare wood, remove dust and apply Minwax Water-Based Pre-Stain Wood Conditioner according to label directions. After 15-30 minutes, lightly sand the surface with fine-grade sandpaper, remove all sanding dust, then proceed with stain application.

Minwax Wood Finish

Issue:
Bleed back after applying Minwax Wood Finish.

Solution:
Bleed back occurs when excess stain seeps from the grain or spaces between boards. The most common cause is excessive stain application. Excessive heat during application, knots and areas that contain a higher amount of sap can also cause bleed back. Wipe off excess stain and let it dry thoroughly. Repeat if necessary. If a clear finish has been applied over bleed back, a complete resand is required.

Minwax Clear Protective Finishes

Issue:
Uneven sheen over the surface of the project.

Solution:
In satin, semi-gloss, and matte, the flattening agent, a very fine silica, is heavier than other components and tends to settle to the bottom of the can. If not evenly distributed, sheen will be duller where it is concentrated and shinier where there is little. The product from the top of the can will dry glossy because it has little or no flattening agent suspended in it, and product from the bottom of the can will look very cloudy because of a heavy concentration of flattener. Stirring well before and during application will ensure a uniform finish. A resand and topcoat will correct the sheen variation.

Minwax Clear Protective Finishes

Issue:
Flashing, haziness or cloudiness in the clear finish.

Solution:
Flashing, haziness or cloudiness is usually a sign of trapped moisture behind the finish coat. The most common causes of this type of situation are from not removing unabsorbed stain (wiping off the excess) or from the stain not being dry before applying the clear finish. This can eventually lead to the finish coat peeling away from the surface. If the finish coat appears hazy or cloudy, resand entire area, remove dust and reapply the clear finish to label directions.