

NO COMPROMISE HARDWOOD FINISH

- Maximum UV Protection
- Longest Lasting Color
- Low VOC Formula - Less than 250 g/L
- Made in the USA
- One Coat Coverage:
Hardwood: 600 to 800 SF
Softwood: 250 to 450 SF
- High Quality Marine Grade Finish

ONLY THE FINEST COMPONENTS

TUNG OIL

- Tung Oil, the woodworker's #1 choice to add beauty and long term protection to a finished project.
- Tung Oil helps contribute to the water resistant abilities of ExoShield.
- It is also flexible when dry which allows for protection of the wood as it naturally expands and contracts.
- Tung Oil is natural and sustainable.
- Hardens deep inside the wood to help prevent checking and cracking.



TRANS-OXIDE PIGMENTS

- Premium quality pigments for a premium quality wood finish.
- Provides excellent UV protection.
- Long-lasting weather stability.
- Long-lasting consistent and clear colors.
- Allows the beauty of the natural wood grain to show through.

FUNGICIDE

- Further protects wood finished with ExoShield from fungi and mold.



APPLICATION GUIDELINES

PREPARING TO FINISH

Be sure to scrub your deck thoroughly removing all grime, dust, and any mildew that may exist.

Standard consumer grade deck cleaners are available from both Messmer's and Deckwise; they are a combination of Sodium Percarbonate and Soda Ash.

When mixed with water, the cleaning solution can be applied to the wood surface with a garden chemical sprayer and left to soak for 5 to 10 minutes, keeping the surface wet.

The deck should then be thoroughly scrubbed with a stiff-bristle broom or brush and then rinsed completely.

It may take two or three applications to remove several years worth of dirt and mildew, and fully restore the original color of the natural wood.

AFTER CLEANING THE DECK

After properly cleaning the deck's surface, we recommend that a wood brightener is applied in order to remove tannin stains.

Standard consumer grade wood brighteners are available from both Messmer's and Deckwise.

The wood brightener will stop the caustic action of the wood cleaner, leaving the deck or siding lumber in a neutral state, in addition to brightening the natural color tones of the lumber.

Important: After applying the cleaner and brightener, be sure to let the deck dry out completely which will usually take 2 to 3 days.

SANDING

Many wood surfaces require some degree of sanding, especially if they have aged more than a few years.

Areas that have been badly weather-beaten or contain loose fibers require a light sanding using 60 – 100 grit sandpaper.

Hardwoods require a lower grit sandpaper than softwoods.

Always use caution when sanding to not gouge the wood.

PRESSURE WASHING

Pressure washing is a fast way to clean off dirt or grime from hardwoods prior to applying ExoShield.

Pressure washing is not recommended unless it is very carefully monitored.

Pressure washing may cause damage to the lignin which binds the wood fibers together, damaging the internal structure of the wood.

Pressure Washing on softwoods is not recommended.

Wait at least 1 week after pressure washing prior to applying ExoShield.

PRESSURE WASHING WARNING:

- Use no more than 2800 psi
- No less than 45 degree tip
- Keep tip at least 4" from the wood surface

EXOSHIELD PRODUCT PREPARATION

Even when finishing fresh wood, a completely dry surface is required.

Do not finish your deck or siding with ExoShield unless you have had a minimum of 2 to 3 days of dry weather and do not expect rain within 24 to 48 hours.

If the wood surface does get wet soon after finishing, you will likely get water spots on the surface which must be sanded out prior to a light refinishing with ExoShield.

After finishing, avoid contact with the surface for at least 48 hours.

ExoShield is safe for indirect food contact within 14 days. ExoShield SHOULD NOT be used on CUTTING BOARDS, SERVING PLATTERS, SALAD BOWLS, OR ON ANY FOOD PREPARATION SURFACES.

ExoShield will take up to 30 days to fully cure to its final hardness.

EXOSHIELD APPLICATION

DO NOT OVER APPLY !! EXOSHIELD MUST BE WIPED DOWN WITH A LARGE RAG OR TOWEL WITHIN 10-30 MINUTES, DEPENDING ON TEMPERATURE !! IF ROLLING, BE SURE TO DRY ROLL TO ELIMINATE POOLING !!

Stir ExoShield thoroughly and occasionally during application to ensure even application.

Apply only at temperatures above 45 Fahrenheit / 7 Celsius.

ExoShield may be brushed, rolled, sprayed or applied with a microfiber pad onto the wood surface.

We recommend microfiber rollers and cloths because they prevent cloth fibers from being left on the surface of the finish.

For large job applications we recommend using a 3/8" nap microfiber roller.

Allow the stain to dry 10 to 20 minutes, then wipe off any excess material with a clean, dry microfiber or other lint free cloth.

When applying in temperatures above 80 Fahrenheit or in direct sunlight, wiping off excess within 10 minutes may be necessary.

Do not over-apply ExoShield. Excessive finish on the surface of the wood will not be absorbed, and must be avoided.

Although multiple coats may be applied, ExoShield is formulated to be a one coat product, saving you time and money.

WARNING:

EXOSHIELD IS COMBUSTIBLE IN BOTH LIQUID AND VAPOR STATE. BE SURE TO FOLLOW ALL DIRECTIONS.

Spontaneous combustion may occur in used cloths, brushes, rollers and applicators if not properly disposed. PILES OF USED RAGS ARE PRONE TO SPONTANEOUS COMBUSTION.

To properly dispose, place the rags in an empty metal container that has a tight metal lid, such as an old paint can, fill the remaining space with water, and seal the can. Take the container to your local hazardous waste disposal center.

