Woodwright Hardwood Floor Company

Prefinished Engineered Hardwood Flooring Installation.

Please read carefully.

Woodwright Hardwood Floor Company Products are intended for installation by professionals only. Follow these instructions or current National Wood Flooring Association (NWFA) Guidelines which ever are more stringent at time of installation.

Confirm if you are installing oil or urethane finish before beginning and proceed accordingly.

IMPORTANT: All finish pieces such as reducers, thresholds, should be ordered with the flooring to ensure that they match the finish.

PRODUCT SPECIFICATIONS:

The Woodwright Hardwood Floor Company , Shop Finished Engineered Flooring is a product that can be nailed/stapled to an appropriate OSB or plywood subfloor or glued down to acceptable substrates with the adhesives listed. It is a prefinished, tongue and groove, end-matched product with random lengths. Installing a pre-finished hardwood floor requires a slower and more careful installation to prevent damage to the finished surface.

However, once this floor is installed, the job is complete, and the floor is ready to use. No sanding, no staining and no finishing is required for urethane, however oil may require a field coat after installation.

The Woodwright Hardwood Floor Company Shop Finished Engineered Flooring is a natural product and color will vary from board to board. Therefore, the installer should take care in the placement of each board to ensure good color and shade mixture throughout the entire installation.

ATTENTION! INSTALLER/OWNER RESPONSIBILITIES

Beautiful hardwood floors are a product of nature and, therefore, they will show variations in color, grain, texture, and appearance. These wood floors are manufactured in accordance with accepted industry standards, which permit a defect tolerance not to exceed 5%. The defects may be of a manufacturing or natural type.

- ✓ The installer assumes all responsibility for final inspection of the product's quality. This inspection of the flooring MUST be done before installation. Carefully examine flooring for color, finish and quality BEFORE installing it. If there are questions of acceptability, contact the seller immediately.
- ✓ Prior to installation of any hardwood flooring product, the installer must determine that the job/site environment and the sub-floor involved meet or exceed all requirements as stipulated in installation instructions and NWFA, recommendations.
- ✓ Manufacturer accepts no responsibility for product failure resulting from sub floor or job site environment deficiencies.
- ✓ The installer/owner has final inspection responsibility for grade, manufacture and factory finish. He/she must use responsible selectivity and hold out or cut off pieces with defects, whatever the cause.
- ✓ The use of stain, filler or putty during installation should be accepted as normal procedure.
- ✓ When flooring is ordered, it's suggested that 10% be added to the actual square footage needed for cutting allowance on straight-run installations. For installations with islands, irregular perimeter walls, flooring run on a diagonal or parquet flooring; it is suggested that you ask your supplier for a cutting allowance on these or other unique installations. Cutting factors can vary widely and it's very important to allow extra for cutting since ordering additional material later will delay your project and possibly result in mismatches of floor color.
- ✓ Should an individual piece be doubtful as to grade, manufacture or factory finish, the installer should not use the piece.
- ✓ Once a piece of flooring has been installed, it is deemed to have been acceptable; thus, no claims will be honored for finish, milling or defects.

PRE-INSTALLATION PROCEDURES - Job Site Inspection

- ✓ Hardwood flooring should be one of the last items installed on a job. All work involving water or moisture (concrete, plumbing, acoustical ceilings, drywall taping, painting, stone or tile installations, etc.) should be completed prior to wood flooring being installed.
- ✓ This product can be installed on, above, or below grade. Glue-down installations of engineered flooring only are recommended for below grade. **Installation below grade must use Bostik MVP first and have less than 3% calcium chloride results.*
- ✓ Below-soil installations and installations in structures that have planters attached to adjoining walls require that not only the floor, but all surfaces must match the moisture guidelines mentioned below.
- ✓ The building should be closed in with all outside doors and windows in place.

- ✓ Exterior grading should be complete with surface drainage directing water away from the building. All gutters and down spouts should be in place.
- ✓ Basements and crawl spaces must be dry and well ventilated in accordance with NWFA recommendations. Black 6 mil plastic is required to cover soil in a crawl space.
- ✓ Sub-floor must be checked for moisture content using calcium chloride test.
- ✓ Permanent air conditioning and heating systems should be in place and operational. The installation site should have a consistent room temperature of 60-75° F and humidity of 35-55% for 14 days prior to installation, during installation, and until occupied, to allow for proper acclimation.
- ✓ Flooring must also be kept inside, placed in the room of installation and allowed to acclimate prior to installation. Acclimation time will vary depending on site conditions and can range from days to weeks. See current NWFA guidelines. As of this publication, a maximum of 4% difference in moisture content between flooring and sub floor is required.

PRE-INSTALLATION PROCEDURES - Sub-Floor Guidelines and Preparation

ACCEPTABLE SUBSTRATES

- Unsealed Concrete slabs- minimum 3000 psi. It is the installers responsibility to test or verify that the slab has no contaminants such as sealers, paint over-spray, etc.
- Appropriate OSB (23/32") or plywood sub-floor (3/4"). When installing approved sub-floor, refer to specific structural panel and manufacturer's instructions for joist spacing and nailing requirements.
- Over existing wood floors, install at 90 degrees.

SUB FLOOR INSPECTION

All sub-floors and sub-floor systems must be structurally sound and must be installed following their manufacturer's recommendations. Our warranties DO NOT cover any problems caused by inadequate substructures or improper installation of said substructures. See the NWFA Guidelines in the NWFA Technical Reference Manual.

- **CLEAN** - your sub floor must be free of wax, grease, paint, oil, sealers and other debris. Make sure there are no loose areas and that the sub floor is structurally sound.
- **LEVEL/FLAT** - within 3/16" in 10 radius and/or 1/8" in 8' radius. Sand high areas or joints. Low areas can be filled with fillers that are recommended by the adhesive manufacturer, if leveling concrete. Other leveling products are available for wood sub-floors. Sub floor irregularities and undulation may cause any wood flooring installation to develop hollow spots between the flooring and the sub-floor. These hollow spots are not the result of any wood flooring manufacturing defect and are not covered by the Woodwright Hardwood Floor Company Warranty.
- **STRUCTURALLY SOUND** - on wood sub-floors, prior to installing Woodwright Hardwood Floor Company flooring, nail or screw any loose areas that squeak. Replace any water- damaged sub flooring or underlayment.
- **DRY** - Moisture content of plywood sub floor must not exceed 12% on a wood moisture meter or read more than a 4% difference than moisture level of product being installed. Moisture content of a concrete sub floor must not exceed 3 lbs with a calcium chloride test. If moisture exceeds 3 lbs with a calcium chloride test, DO NOT lay the flooring. Note: Bostik's MVP can be used to reduce vapor emissions. It is a recommended product to use, with the Bostik's Best Adhesive when moisture exceeds 3 lbs with a calcium chloride test.

SUB-FLOOR DETAILS:

- **CONCRETE SLABS -** You can glue flooring directly to the concrete. Do Not use a concrete sealer. All concrete sub floors must be tested for moisture content. Initial moisture testing can be done with a Tramax Meter, or a Calcium Chloride test. Moisture should not exceed 4.5 on a Tramax Meter or 31bs with a calcium chloride test. Initial testing can be done using an electronic meter as a survey tool. Final acceptance should be based on a calcium chloride test before proceeding with the installation. Test several areas, especially near exterior walls and walls containing plumbing.
  ASTM F-1869 procedures in calcium chloride test must be followed specifically to get accurate readings.
- **WOOD FLOOR TYPES -** Make sure sub floor is dry and well nailed or screwed down per manufacturer's recommendations to avoid squeaking or popping before the floor is installed. Level any raised edges by sanding. When installing over old wood floors, install the new flooring at a 90° angle to the sub floor. Moisture content of wood sub floors should be between 6-10% Moisture Content. In general, wood or plywood sub floors should not exceed 12% moisture content or 4% moisture content difference between wood flooring and sub-floor.
- **Resilient tile & resilient sheet vinyl**
- Woodwright Hardwood Floor Company does not recommend installing over vinyl. Woodwright Hardwood Floor Company does not warranty installation over vinyl.

FINAL ROOM PREPARATIONS

As part of your sub floor preparation, remove any existing base, shoe molding or doorway thresholds. These items can be replaced after installation of the floor. All door casings and jambs should be notched out or undercut to allow for expansion of the floor and to avoid difficult scribe cuts.

DO NOT USE ANY TYPE OF TAPE TO TEMPORARILY HOLD FLOORING IN PLACE DURING INSTALLATION; THIS CAN CAUSE DAMAGE TO THE SURFACE OF THE FLOOR.

STAPLE or NAIL DOWN INSTALLATION - TOOLS AND ACCESSORIES NEEDED FOR INSTALLATION

15 lb Asphalt Paper
Pneumatic Stapler or Nailer. Use manufacturer's recommended staples or nails.
Hammer
Hand or Power Saw
Chalk Line
Mineral Spirits and Clean Rags (NEVER use Lacquer thinner) *DO NOT USE MINERAL SPIRITS ON THE FACE OF OIL FINISHED FLOORS.*
Electronic Moisture Meter
Broom and Vacuum

Important: Wood working is inherently dangerous. Please follow all tool manufacturer's safety recommendations, common sense, and industry standard safety precautions.

STEP 1: UNDERLAYMENT:

Cover sub floor with 151b asphalt felt paper. Roll paper over the clean substrate and tack. The next row of paper should be rolled to butt the joints, do not overlap. This process will keep dust/dirt from hardwood and retard the moisture from below.

STEP 2: SET UP EQUIPMENT:

Inspect Equipment prior to use. Test on scrap material first. When used improperly, the staples/nails can damage the flooring. Parts that engage the plank must not have any exposed sharp edges that can scratch or damage the flooring. Make sure the tool's adapters seat properly in the tongue of the flooring. Note: Use only manufacturer's recommended staples or nails. Make sure pressure is set according to manufacturer's recommendations.

STEP 3: MARKING YOUR STARTING LINE:

We recommend you install your flooring parallel to the longest outside wall in the room. Measure out from wall 4½" for 4" products, 6½" for 6" products, etc. Snap a chalk line parallel to the wall. Allow a minimum of at least ½" at all vertical surfaces such as perimeter walls, posts, and islands.

STEP 4: LAYOUT STARTER ROW:

Lay one row of plank along the entire length of the working line. Place groove edge of flooring toward the starting wall. Use small finish nails for top nailing the edge closest to the wall. Nail or staple the tongue edge of the flooring in the normal manner. Space fasteners at 6"-8"apart.

STEP 5: INSTALLING THE FIELD FLOORING:

Continue installing each additional row of flooring, maintaining proper pattern repeat. Distribute lengths to avoid "H" patterns and end joints less than 8 inches in adjacent runs. A random mixing of the various surface-graining configurations and color are suggested to enhance the natural beauty of the floor. Floor should be installed from several bundles at the same time to ensure a good color and shade mix. Note: Oil finished flooring may have an occasional piece of separator paper stuck to the finished surface; the paper can be easily removed with a wet rag. Always tap against the tongue, tapping the groove may damage the surface or edge. Nail flooring through the tongue on a 45-degree angle (blind nailing) with the proper adapter. Install the nails or staples no further than 1" from the end of each board and 6" to 8" on center, using 1" staples or l¼" to 1½" flooring cleats. Do not work off the newly installed flooring. Keep the flooring clean of dust and debris as you work.

STEP 6: FINAL ROW INSTALLATION:

When you get to the far wall you may have to cut the width of the final row to fit it against the wall, be sure to leave at least ½" between the last row and the wall. The tongue for the final row will need to be removed for a clean fit. Use a "Last Boards Puller" to snug the last row of planks with the completed second to last row. You again will need to face nail close to the wall to secure the flooring.

STEP7: COMPLETE THE JOB:

Install any transition pieces that may be needed, such as reducers, thresholds, etc. Reinstall your base and/or quarter round moldings. Be certain to nail molding into the wall, not the floor. (Note: All finish pieces should be ordered with the flooring to ensure that they match the finish.)

STEP 8: CLEAN UP AND PROTECTING THE NEW INSTALLATION:

Flooring should be kept clean during and after the installation. All areas that have been completed should be covered with protective rosin paper to prevent damage to the finish. If heavy trades will be occupying the home, we recommend that plywood or Masonite be placed on top the rosin paper to prevent the floor from being damaged. Never use plastic or polyethylene sheeting.

STEP 9: FINAL POLISH PRIOR TO MOVING IN FURNISHINGS:

See additional instructions for oil finishes or contact us for instructions.

GLUE DOWN INSTALLATION - TOOLS AND ACCESSORIES NEEDED FOR INSTALLATION

Bostik's BEST Urethane Adhesive for Glue Down Installations. Use with Bostik's MVP (moisture barrier) on flooring wider than 6" is required.
Notched Trowel (use Bostik's recommended trial)
Hammer
Hand or Power Saw
Chalk Line
Mineral Spirits and Clean Rags (NEVER use Lacquer thinner)
Electronic Moisture Meter/ Calcium Chloride Test Kit
Broom and Vacuum

STEP 1: ADDITIONAL SUB-FLOOR INSPECTION AND PREPARATION

Surface areas requiring patching or leveling must be done using Ardex leveling products. Manufacturer's recommendations and instructions need to be followed.

Note: Bostik's product, MVP, can be used to reduce vapor emissions when using the glue down method of installation. It is an acceptable product to use, with the Bostik's Best Adhesive, when moisture exceeds 3 lbs with a calcium chloride test. This additional process requires a minimum of 12 hours to cure. Manufacturer's recommendations and instructions need to be followed.

STEP 2: MARKING YOUR STARTING LINE

We recommend you install your flooring parallel to the longest outside wall in the room. Measure out from wall 4¼' for 4" products, 6¼" for 6" products, etc. Snap a chalk line parallel to the wall. Allow at least ¼" room for expansion around the perimeter of the room. Starter blocks may be inserted between the wall and the first row to prevent movement as the rest of the flooring is being installed.

STEP 3: SPREAD THE ADHESIVE

Before use, cover areas of trowel that are not used to spread adhesive with removable blue tape. After use, simply tear off tape before material cures. Clean remainder of trowel with a dry cloth, mineral spirits or adhesive cleaner. The urethane adhesive should not be applied if sub floor is below 55F degrees. Spread a sufficient amount of adhesive with the recommended Bostik's notched steel trowel in an area that is to be covered. Hold trowel at a 45-degree angle. The trowel will leave ridges of adhesive and very little adhesive between the ridges. OPEN TIME MAY VARY DUE TO INDIVIDUAL CLIMATE CONDITIONS. Humidity must be controlled between 35-55% for successful performance during and after installation. During the installation, occasionally remove a flooring unit from the sub floor and inspect the back for proper adhesive transfer. Glue transfer of at least 80% is necessary to ensure sufficient holding strength. Always refer to the specific instructions on the urethane adhesive label for open time and tack time. Ensure the correct set up time is utilized prior to installing flooring.

STEP 4: LAYOUT STARTER ROW

Lay one row of plank along the entire length of the working line. Place TONGUE edge of flooring toward the starting wall. The first row must be aligned and seated in the adhesive, as all additional rows will be pulled back to this original row. If you are installing over wood type sub floor, you may use small finishing nails to hold the first row in place. Set and fill the nail holes with latex filler, which is manufactured to blend with your flooring.

STEP 5: INSTALLING FIELD FLOORING

DO NOT slide the planks through the adhesive when placing them in position. Simply place the long tongue into the adjoining long groove as close as possible to the adjoining row and adjust into final position. Planks should be butted to the adjoining plank. A random mix of the various surface-graining configurations is suggested to enhance the natural beauty of the floor. The flooring should be installed from several bundles at the same time to ensure a good color and shade mix. Note: Oil finished flooring may have an occasional piece of separator paper stuck to the finished surface; the paper can be easily removed with a wet rag. Note: When using the Wet-Lay Installation Method, flooring is placed into "wet" adhesive and workers should not walk on the newly installed flooring but work with their feet on the sub floor. On additional rows, it may be necessary to align planks with a cut-off piece of scrap wood. A soft rubber mallet can he used to tap the planks on the edge until they are pulled into proper position. Check for a tight fit between all edges and ends of each plank. End joints of adjacent rows should he staggered a minimum of 8 inches. Care must be taken to avoid getting adhesive on surface Immediately clean up any adhesive on pre-finished flooring with a soft cloth and mineral spirits before drying or curing (Be careful not to harm finish). Woodwright Hardwood Floor Company does not take responsibility for damage to oil finishes by adhesive setting on surface. **NEVER USE LACQUER THINNER OR SIMILAR SOLVENTS**. Rolling is recommended for all installations. Flooring that is not flat should be tacked, weighted, or rolled to ensure proper contact between the flooring and the substrate. The installer should check for good adhesive transfer throughout the installation to prevent hollow spots. Be sure not to spread the adhesive too far ahead of your work area. It is not recommended to work on the newly installed flooring. If it is absolutely necessary to work on the newly installed flooring, use a kneeler board. The kneeler board will distribute your weight evenly over a wider area. Keep the flooring clean of dust and debris as you work.

DO NOT USE ANY TYPE OF TAPE TO TEMPORARILY HOLD FLOORING IN PLACE DURING INSTALLATION; THIS CAN CAUSE DAMAGE TO THE SURFACE OF THE FLOOR.

STEP 6: FINAL ROW INSTALLATION

When you get to the far wall you may have to cut the width of the final row to fit it against the wall, be sure to leave at least ¼" between the last row and the wall. A larger gap can be used if base shoe or base moldings are being installed as part of the project. Use a "Last Board Puller" to snug the last row of planks with the completed second to last row.

STEP 7: COMPLETE THE JOB

Install any transition pieces that may be needed, such as reducers and nosings. Reinstall your base and/or base shoe moldings. Be certain to nail molding into the wall, not the floor. (Note: All finish pieces should be ordered with the flooring to ensure that they match the finish).

STEP 8: CLEAN UPAND PROTECTING THE NEW INSTALLATION

As you are installing the floor, clean the adhesive residue off the floor with mineral spirits and a clean cloth. Avoid heavy foot traffic on the flooring for at least 24 hours. The adhesive will be fully cured in usually 8-12 hours and should not be covered until then. The floor should be checked for any adhesive once again. Removed adhesive with mineral spirits and a clean cloth before the floor is covered. We recommend covering the floor with Rosin Paper. If heavy trades will be occupying the home, we recommend that plywood or Masonite be placed on top of the rosin paper to prevent the floor from being damaged.

STEP 9: FINAL POLISH PRIOR TO MOVING IN FURNISHINGS SEE ADDITIONAL INSTRUCTIONS FOR OIL FINISH.

SURFACE TEMPERATURE OF WOOD FLOORING SHOULD NEVER EXCEED 81 DEGREES F, 27 DEGREES C. EXCEEDING THIS TEMPERATURE WILL CAUSE DAMAGE AND VOID AND WARRANTY BY THE FLOORING MANUFACTURER.

RADIANT HEAT SYSTEMS

INSTALL INSTRUCTIONS FOR RADIANT HEAT SYSTEMS

- Floor Plank widths over six inches are NOT recommended for use over Radiant Heat and will void warranty.
- Warranty coverage may be lost due to failure to follow all installation guidelines and recommendations. READ CAREFULLY before installation.
- Warranty WILL NOT cover species such as Maple, Exotics, Hickory or Pecan due to low stability of these woods.
- Woodwright Hardwood Floor Company recommends use of a humidifier and outside thermostat as part of the radiant heat system.
- Woodwright Hardwood Floor Company does not recommend installation of Solid Hardwood floors over radiant heat systems.
- Radiant heat systems require strict compliance of all job-site inspections and start-up of the system.

STEP 1: ADDITIONAL SUB FLOOR INSPECTION AND PREPARATION FOR RADIANT HEAT SYSTEM

The relative humidity at the job-site should reflect normal working conditions. Temperature settings at time of installation should be within fifteen degrees Fahrenheit of these normal living conditions. The heating system must be installed correctly according to the manufacturer's specifications. If installing over a concrete floor, the concrete must have been installed and cured for at least six weeks with no heat transfer during that time. The heating system should then be run at two-thirds of maximum output for a minimum of two weeks to allow any remining moisture to evaporate, attaining the final moisture content without causing any damage. Three or four days before installation, the heating system must be reduced to a suitable temperature (around 65 degrees Fahrenheit). If there are any high spots on the concrete sub-floor, care must be taken not to damage the radiant heat system during leveling.

STEP 2: FLOORING ACCLIMATION

Flooring must be placed in the room of installation and allowed time to acclimate prior to installation. Acclimation time will vary depending on site conditions and can range from days to weeks. See current NWFA guidelines. Per Woodwright standards, a maximum four percent difference in moisture content between flooring and sub-floor is required.

STEP 3: INSTALLATION

The flooring can be either Stapled/ Nailed or Glued down. See above for further installation instructions. Special care must be taken to avoid damaging the radiant heat system during installation.

STEP 4: AFTER INSTALLATION

Approximately two days after installation is complete, gradually (over the period of one week) raise the temperature of the heating system to the desired operating level. **Surface temperature of flooring should never exceed 81 degrees F/ 27 degrees C. Exceeding this temperature will cause damage and void any warranty by the flooring manufacturer.**

Woodwright Hardwood Floor Company, Inc.
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Dallas, Tx. 75022
214-630-8811

WOODWRIGHT HARDWOOD FLOOR COMPANY

ENGINEERED FLOORING LIMITED WARRANTY

WOODWRIGHT RESPONSIBILITIES

Structural Warranty

Woodwright's warranty commitment is to provide quality engineered hardwood flooring that is free from manufacturing defects in milling and lamination for the lifetime of the product.

Residential Finish Warranty Residential Finish Warranty

Woodwright further warrants that, under normal residential conditions and with proper cleaning and maintenance as prescribed for the applicable coating type, the finish on Woodwright's flooring products will not wear through to raw wood in any single area for 10 years from the date of purchase, will not wear through to raw wood over an area consisting of 10% or more of the total installed area for a period of 15 years from the date of purchase, and will not wear through to raw wood over an area consisting of 20% or more of the total installed area for a period of 25 years from the date of purchase.

Commercial Finish Warranty Commercial Finish Warranty

Woodwright further warrants that, under normal Light Commercial conditions and with proper maintenance as prescribed for the applicable coating type, the finish on Woodwright's flooring products will not wear through to raw wood in any single area for 3 years from the date of purchase. Light Commercial areas are defined as public or commercial spaces with light to moderate traffic and infrequent liquid spills, and do not include food preparation, food service or public dining areas, areas where people form lines such as in front of cash registers, areas where furniture is frequently moved such as auditoriums, or high traffic areas such as classrooms and near elevator doors.

Oil Finishes Oil Finishes

Woodwright products coated with natural oil finishes are covered under this warranty only when cleaned and maintained per the guidelines set forth for the applicable coating type. That maintenance may require re-application of the oil finish by a flooring professional during the period of this warranty, and the need for such re-application does not constitute a product failure. The frequency of the maintenance required to maintain a wood floor finished with natural oil may vary significantly from one setting to the next depending on foot traffic. With oil-finished floors, water and other liquids left for prolonged periods without being wiped up may cause spotting, which is normal and will not be considered a product defect. Gloss reduction is not considered wear through and is not covered under this warranty, regardless of finish type. These warranties are given only to the original retail purchaser of the flooring. No warranties are transferable. Woodwright reserves the right to verify and inspect any

and all warranty claims. Warranty claims may be investigated and inspected by company personnel and/or NWFA Certified Hardwood Flooring Inspectors at our option. Some defect claims may require the removal of samples for analysis. Responsibility for replacement costs of materials will be determined after cause and analysis is made. Woodwright will repair and/or replace any material deemed defective at our option. Woodwright will directly reimburse the original purchaser. In the event that the defective flooring is unable to be repaired in a reasonable number of attempts, Woodwright will reimburse the original purchaser the purchase price of the flooring for the defective portion of the floor.

CUSTOMER RESPONSIBILITIES

• Customer must retain the original sales receipt.

• Customer must follow the installation instructions provided.

• Customer must follow proper maintenance and floor care procedures, using proper maintenance and cleaning products as prescribed for the applicable coating type. See Woodwright Care + Maintenance guidelines to identify the correct coating and cleaning/maintenance regimen.

• Hardwood flooring is a natural product. Wood expands and contracts according to humidity and moisture conditions. Humidity within the space where wood flooring is installed should be maintained between 35% and 55% year-round. Failure to do so could result in cupping, cracking, and other floor failures.

INSTALLER RESPONSIBILITIES

• Carefully follow the Woodwright Engineered Flooring Installation Instructions applicable to the product being installed.

• Verify that the flooring has been properly acclimated.

• Verify that installation and/or site conditions are adequate for the installation and ensure that humidity and temperature conditions are maintained during acclimation and installation.

• Verify that the subfloor is clean, dry, flat, and structurally sound per the requirements listed in the Installation Instructions.

• Check the flooring for manufacturing defects and/or visible damage. Verify prior to installation that any hardwood flooring that will be installed has been manufactured within acceptable tolerances and is visually satisfactory to the end-user. When in doubt, do not install.

WARRANTY DISCLAIMERS

Things not covered by Woodwright's Warranty:
• Wood flooring installed in full bathrooms with a shower or tub

• Damage caused by fire, flooding and other natural disasters and/or Acts of God

• Damage caused by negligence, accidents, misuse or abuse

• Damage caused by vacuum cleaner beater bar or hard heads

• Damage caused by appliances, furniture, and casters

• Damage caused by cutting from sharp objects

• Reduction in gloss, scratches, or indentation due to sand, pebbles or other abrasives, debris, pets, insects, construction traffic, or failure to maintain the floor as required

• Color, shade, or texture variations between samples, printed color photography or replacement flooring and original flooring material

• Changes in color due to exposure to air, sunlight and age

• Noises (squeaks, etc.) associated with anything other than the mis-manufacture of the flooring

• Naturally occurring wood characteristics such as variation in grain, mineral streaks, and knots

• Deficiencies related to subfloor/floor joist assemblies, subfloor preparation materials and fasteners including but not limited to uneven subfloor surfaces, floor deflection, voids in the sub floor, or excessive moisture in the subfloor

• Natural expansion and contraction resulting in separation between boards or damage caused by excessively high or low humidity

• Minor cracks or separations between the flooring boards caused by expansion and contraction due to seasonal changes

• Cupping or crowning in the flooring boards due to excessive subfloor moisture or low humidity

• Products designated as “thrift,” “antique,” “tavern,” “bargain,” “cabin grade,” “economy grade”, “rustic”, “close-out,”
“off-goods,” “non-standard,” and/or products sold “As-Is”
• Construction or installation-related damage

• Floors damaged or adhesive breakdown caused by subfloor moisture or water damage, including without limitation to broken or leaking water pipes, flooding, wet mopping spills or weather conditions

• Installation defects including installations made in violation of applicable state or local housing or building codes, or contrary to the Installation Instructions furnished with the product and is visually satisfactory to the end-user. When in doubt, do not install.

COLOR DISCLAIMER

There are color and pattern variations in all wood. This is characteristic of a living tree. All wood will go through natural color changes from the effects of oxidation and ultraviolet light. In some species such as American Cherry, Walnut and some exotics this color change is more pronounced. This is not a product defect and is not covered by the warranty. Many Woodwright hardwood floors are colored by smoking (fuming) and other treatments that create color by reacting with naturally-occurring compounds in the wood. Natural variations in the concentrations of those compounds from board to board may be significant and result in color variation that exceeds the variation

in the untreated wood. This enhanced color variation is considered part of the appeal of this coloring technique and is not considered a manufacturing defect.

RADIANT HEAT

When the appropriate installation instructions are followed, some Woodwright Engineered Wood Floors are fully warranted over all radiant heat systems. Refer to the 'Radiant Heat Systems' section of the Installation Instructions to verify whether or not a product is warranted. The warranty will be void if any of the requirements and installation instructions in the 'Radiant Heat Systems' section of the Installation Instructions are not fully met. NOTE: in wood flooring installations over radiant heat, moderate surface checking, cracking (especially at the ends of boards and around knots), shrinkage, gapping between planks, and slight cupping are all to be expected and do not constitute a product defect.

WARRANTY EXCLUSIONS

It is the responsibility of the installer to inspect the flooring for manufacturing defects and/or visible damage prior to installation.
Woodwright accepts no responsibility for liabilities, claims, or expenses, including labor costs, where flooring with visible defects has been installed. No retailers, distributors or employees have the authority to alter the obligations, limitations, or exclusions under any of the Woodwright warranties. Woodwright excludes and will not be liable for or pay incidental, consequential or special damages under any warranties. . This means any loss, expense, or damage other than to the flooring itself that may result from a defect in the flooring. These limited warranties constitute the only express warranties for the product purchased. To the extent permitted by law and for all non-consumer products, all warranties other than Woodwright limited warranties express or implied, including any warranty merchantability or fitness for a particular purpose, are disclaimed. If any implied warranty arises under state law, any and all implied warranties (including any warranty of merchantability and fitness for a particular purpose) are limited in duration to the duration of this written warranty, to the extent allowed by law. Some jurisdictions do not allow exclusion or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply. These warranties give the customer specific legal rights, and the customer may also have other rights that vary from jurisdiction to jurisdiction.
Woodwright wants every customer to be happy and satisfied with their purchase. If there are claims or questions, or in the event that you are not totally satisfied with your hardwood floor, contact your local retailer first. If the retailer is unable to answer your questions you may contact Woodwright in writing at the following address:

Attn: Customer Service
Woodwright Hardwood Floor Company
425 Regal Row
Dallas, TX 75247

Woodwright
Hardwood Floor Company

Prefinished Wood Floor Care and Maintenance Guidelines for URETHANE Finish

In order to protect your new hardwood floor and to keep it looking good for years to come it is important to read and follow these basic procedures of wood floor care.
Our UV Cured finish contains aluminum oxide which offers increased protection and wearability, yet the finish is still capable of scratching and losing some of the gloss level.

Recommended Residential and Commercial Floor Care for Urethane

Preventative Care

1. Prior to placing furniture, heavy objects, or equipment on the hardwood floor, floor protectors should be placed on all legs or corners to prevent scratching or denting of the hardwood floor. Do not slide or drag objects across floor as they may scratch and/or dent the hardwood flooring.
2. Place commercially rated mats at all exterior entrances to absorb street dirt and moisture. The mats need to be periodically cleaned, changed or dried out as often as needed. In addition, place mats at high-wear traffic areas and/or pivot points. Example – commercial checkout counters. Keep in mind that mats or area rugs may cause color differences due to variation in light exposure.
3. Maintain humidity between 35% - 55% Relative Humidity to help reduce and minimize gapping which can be more noticeable on lighter colored woods or stains.
4. When possible avoid direct sunlight from hitting the surface of the flooring as ultraviolet light can change the appearance of wood flooring causing discoloration.

Routine Maintenance

1. Sweep, vacuum or dust mop daily to remove loose dirt or grit from the surface of the flooring.
   Use only a soft bristle type broom or vacuum attachment that is recommended for hardwood floors.
   For dust mopping use a clean microfiber dust mop only.
   Scrubbing machinery or power scrubbers are not recommended to clean the floor.
2. Do not allow spills or puddles to remain on the floor for an extended period of time as it may cause damage to the wood flooring. Wipe spills immediately with a clean rag.
3. For routine cleaning — Use the Bona Hardwood Floor Cleaner and Bona Mop Kit.
   We do not recommend the use of Bona floor polish as it greatly increases the sheen level.
   Bona floor care products can be sourced through your local flooring distributor or at Bona.com.
4. Apply Hardwood Floor Cleaner to a clean rag to remove heels marks or stains.
5. Do not damp mop floor with water or allow water to remain on the floor as it may damage the flooring. Avoid the use of products that contain oils or wax that may leave a residue allowing the floor to be slippery or sticky and in addition these materials may prevent future coats of finish from properly bonding to the original factory finish.

Repair Procedures

Use of fillers or touch up kits available can help to repair minor scratches and/or gouges in the floor. In the event that a board has become damaged beyond repair it is possible to remove an individual board and replace it with a new one according to NWFA installation instructions regarding single board replacement.

Recoating Procedures

If at some point your hardwood floors experience a decreased sheen level or requires a fresh coat of finish it is possible to recoat them.
Caution: Contaminants applied to the surface can prevent new finishes from properly adhering.
We recommend that you hire a wood flooring professional to perform this task and talk with them about using the Bona PrepTM system with Bona TrafficTM finishes.

Woodwright Hardwood Floor Company
Customer Service Dept
425 Regal Row
Dallas, TX 75247
214-630-8811

Bona

Hardwood Floor Cleaner 36 oz.



Hardwood Floor Cleaner (36 fl. oz.)

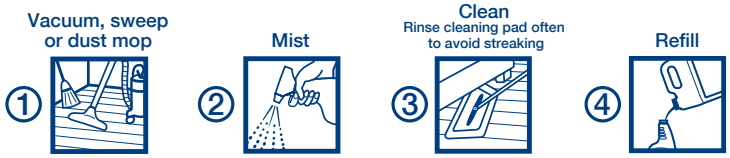
Bona Item #	WM700059001
Item UPC	737025-00028-8
Case UPC	20737025000282
Case Pack	8
Cases/Pallet	48
Items/Pallet	384
Item Pallet Stack	12:4
Pallet Dimensions	40"x48"x46"
UN Hazard Code	N/A
Harmonized Tariff Code	3402.90.50.30
Country of Origin	US
Item Weight	2.61 lbs
Item Size	3.5"x 4.25"x 9.75"
Case Weight	21.6 lbs
Case Size	9.5"x 15"x 10.25"
MSDS#	10005
Packaging Language	ENG/ESP

Bona® Hardwood Floor Cleaner is the #1 choice of professionals. This effective, no-residue formula is specially designed to be safe for hardwood floors.

- Quick & easy cleaning
- Dries fast, no dulling residue
- Safe for wood floors
- 36 oz. ready-to-use formula

DIRECTIONS

1. Turn spray nozzle to mist or stream setting.
2. Aim at surface and spray.



Recommended by Professionals Since 1919

Rev. 10/13

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2820

For more floor care information call
877-BuyBona (877-289-2662) or visit www.MyBonaHome.com

Bona®