



PERFORMANCE PLUS™
Maple | Misty Forest
ESP5311LG

HARDWOOD FLOORING CARE AND CLEANING TIPS

MAINTAIN THE BEAUTY OF YOUR NEW HARDWOOD FLOOR FOR YEARS TO COME BY FOLLOWING A FEW SIMPLE TIPS

FLOOR CLEANING

- Sweep, dust mop, or vacuum regularly using the wand attachment on your vacuum cleaner.
- Clean your hardwood floor occasionally using a swivel head mop with a soft cover and Armstrong® Hardwood & Laminate Floor Cleaner or Bruce® Hardwood & Laminate Floor Cleaner. **DO NOT USE WATER.**
- Use Armstrong® floor care products and floor protectors, available at your local flooring store or home center.
- The Armstrong® Hardwood & Laminate Cleaning System Kit includes a 32 oz. spray cleaner and a mop with a terry cloth cover.

FLOOR PROTECTION

- Wipe up spills immediately.
- Place a natural or colorfast mat outside at entrances to reduce the amount of dirt and moisture tracked into your home.
- Keep animal nails trimmed to minimize scratches.
- Use floor protectors on furniture legs to reduce indentations.
- When moving appliances or heavy furniture, lay a plywood panel on your floor and “walk” the item across it to prevent scuffs and gouges.
- Replace hard, narrow furniture rollers with wide rubber rollers.
- Protect your floor from direct sunlight.
- **DON'T** use rubber, foam back, or plastic mats as they could discolor your floor.
- **DON'T** use ammonia-based cleaners, wax-based products, detergents, bleach, polishes, oil soaps, abrasive cleaning soaps, or acidic materials like vinegar.
- **DON'T** wear shoes with spike heels or heel taps on your hardwood floor. Remove shoes at the door to avoid potentially dragging in sharp objects in your shoe treads.

HUMIDITY'S IMPACT ON YOUR FLOOR

To protect your investment and ensure that your floor provides lasting satisfaction, the following precautions should be taken to help control humidity levels in and around your floor. For best results, keep the relative humidity in your home between 35% and 55%.

- **Heating Season (Dry Conditions)** – a humidifier is recommended to prevent excessive shrinkage in hardwood floors, which causes gaps between the boards, due to low humidity levels. Wood stoves and electric heat tend to create very dry conditions.
- **Non-Heating Season (Humid and Wet Conditions)** – To prevent excessive expansion, cupping and peaking of the floor, which could lead to cracking and checking of the wood finish, maintain proper humidity levels with the use of an air conditioner, dehumidifier or by turning on your heating system periodically during the summer months. Immediately wipe up spills and wet areas to avoid excessive exposure to water. Do not obstruct in any way the expansion joint around the perimeter of your floor.

HARDWOOD FLOOR CARE QUICK-FIX TIPS

Spills and Tracked-in Dirt

- Clean immediately.
- Apply Armstrong® Hardwood & Laminate Floor Cleaner or Bruce® Hardwood & Laminate Floor Cleaner lightly to the surface and wipe with a sponge mop or a soft cloth.
- Excess cleaner that does not evaporate immediately should be dried with a clean towel. No rinsing is necessary.

Spots Caused by Food, Water or Animals

- Apply Armstrong Hardwood & Laminate Floor Cleaner or Bruce Hardwood & Laminate Floor Cleaner to a clean, soft cloth.
- Rub the area to remove the stain or spot.
- More stubborn spots may require additional cleaning with mineral spirits, followed by cleaning with Armstrong® Hardwood & Laminate Floor Cleaner or Bruce® Hardwood & Laminate Floor Cleaner.

Grease/Lipstick/Crayon/Ink Spots/Rubber Heel Marks

- Apply Armstrong Hardwood & Laminate Floor Cleaner or Bruce Hardwood & Laminate Floor Cleaner to a clean, soft cloth.
- Rub the area to remove the stain or spot.
- If stain remains, rub with a cloth dampened with mineral spirits and follow by cleaning the area with Armstrong® Hardwood & Laminate Floor Cleaner or Bruce® Hardwood & Laminate Floor Cleaner.

Chewing Gum, Candle Wax

- Apply a sealed plastic bag filled with ice on top of the deposit.
- Wait until deposit becomes brittle enough to crumble off.
- After deposit has been removed, clean entire area with Armstrong® Hardwood & Laminate Floor Cleaner or Bruce® Hardwood & Laminate Floor Cleaner.

Minor Abrasions/Scratches

- Use Armstrong® Touch-Up Kit in smaller areas. Armstrong® Touch-Up Kits include touch-up markers and filler sticks that blend with Armstrong Hardwood flooring colors.
- Use Bruce® Fresh Finish™ to recondition large areas that have become worn.

Deep Scratches/Gouges

- Use Armstrong® Acrylic Fillers for gaps, small openings and broken edges.
- Individual planks, strips, or parquets that are heavily gouged or damaged can be replaced by a professional flooring installer.

Routine Hardwood Floor Care and Maintenance

- Sweep, dust mop, or vacuum regularly using the wand attachment on your vacuum cleaner.
- Wipe up spills or spots with a damp cloth or swivel-head mop with terrycloth cover and Armstrong Hardwood & Laminate Floor Cleaner.
- Large areas can be cleaned by misting Armstrong® Hardwood & Laminate Floor Cleaner or Bruce® Hardwood & Laminate Floor Cleaner on the area and wiping until clean and dry with a soft towel or swivel-head mop.

Call Armstrong Flooring at 1-800-233-3823 for additional instructions and product recommendations.



ARMSTRONG®
HARDWOOD FLOORING



LIMITED WARRANTY AND
FLOOR CARE GUIDE

LIMITED WARRANTY

Who Is Covered?

All warranties in this Limited Warranty Guide are given only to the original retail purchaser of our product. Our warranties are not transferable.

What Is Covered And For How Long?

The limited warranties described in this guide are subject to the product applications, limitations, disclaimers and exclusions described below and are effective for floors purchased after July 1, 2010. All warranties run from the date of retail purchase for the applicable period described in this guide.

What Are You Responsible For Under Our Warranties?

To be covered under our limited warranties (except under the Pre-installation Defects Warranty) you need to retain your sales slip and make sure that the flooring is properly installed in accordance with our installation instructions provided with the flooring. To be covered under our Subfloor Moisture Protection Warranty, keep your proof of pre-installation moisture test results and sales slip confirming use of our recommended adhesives and Armstrong S-135 VapArrest Professional Moisture Retardant System. To be covered under our limited warranties when installing over a radiant-heated subfloor; keep the flooring surface at or below 85° F (29° C) and the relative humidity between 35% and 55%. You must also properly care for your new floor using our easy-to-follow maintenance instructions within this brochure. We recommend that you use only our specially formulated floor care products to preserve your flooring. Use of floor care or sundry products (i.e. adhesives) other than those we have specially formulated and recommend for use with our flooring products may damage your floor and void this warranty.

What Will We Do If Any Of The Covered Events Occur?

If any of the covered events listed in this guide occurs within the warranty periods specified for the respective flooring product, we will recoat, refinish, fill or furnish comparable flooring (of our manufacture and of similar color, pattern, and quality), for either the repair of the defective area or the replacement of the floor, at our option. In the unlikely event that we are unable to correct the problem after a reasonable number of attempts, we will refund the portion of the purchase price for the section of failed flooring. If your floor was professionally installed, we will also pay reasonable labor costs for the direct repairs or replacement within the first five years of the warranty period, or the length of the warranty period, whichever is less based on the following schedule.

First two years of warranty period: labor reimbursed at 100% of reasonable and customary charges. Three to five years of warranty period: labor reimbursed at 50% of reasonable and customary charges.

These limited warranties do not include the removal or replacement of cabinets, fixtures, retail markups, installation or labor provided by others or supplemental costs, including but not limited to, relocation during the repair process such as hotel, meals, or moving and storage of furniture.

For our products with the Subfloor Moisture Protection Warranty, we will replace or repair (as specified above) such flooring no more than once, which is your exclusive remedy under this limited warranty. If the replacement or repair fails in the same manner a second time, the site conditions will be deemed unacceptable for the installation of our hardwood floors.

These are the exclusive remedies under this limited warranty if a defect or other warranted condition occurs. We reserve the right to verify any claims or defect by inspection and have samples removed for technical analysis.

What Is Excluded From These Limited Warranties?

None of our installers, retailers, distributors or employees has the authority to alter the obligations, limitations, disclaimers or exclusions under any of our warranties.

WE EXCLUDE AND WILL NOT BE LIABLE FOR OR PAY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES UNDER OUR LIMITED WARRANTIES. By this we mean any loss, expense, or damage other than to the flooring itself that may result from a defect in the flooring. Our limited warranties constitute the only express warranties for the product purchased.

TO THE EXTENT PERMITTED BY LAW AND FOR ALL NON-CONSUMER PRODUCT, ALL WARRANTIES OTHER THAN OUR LIMITED WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF 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 TO YOU.

THESE WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION.

What Is Not Covered By These Limited Warranties?

- The Limited Warranties do not cover conditions caused by improper use or maintenance, such as: (see Care and Maintenance Guidelines)
 1. Reduction in gloss, marks, scuffs, scratches, gouges, dents or cuts, including, without limitation, those caused by pets.
 2. Damage caused by negligence, accidents, misuse, or abuse (i.e., dragging object across the floor without proper protection).
 3. Wear caused by pebbles, sand or other abrasives, construction traffic, or failure to maintain the floor as required (see Care and Maintenance Guidelines).
 4. Damage caused by caster wheels or vacuum cleaner beater bars.
 5. Failure to support furniture with floor protectors that at least one inch in diameter; made of non-staining felt or non-pigmented hard plastic, rest flat on the floor and are replaced regularly.
- Splits, cracks, grain raising, checking, edge fracturing, splintering or chipping that occurs during or after the floor has been installed and as a result of abuse, misuse, improper maintenance or care, exposure to excessive moisture or improper environmental conditions (i.e., low or high humidity) are not covered by these limited warranties. The use of a humidifier/dehumidifier may be necessary to maintain the proper humidity level between 35%-55%
- Wood flooring installed in full bathrooms with a shower or tub.
- Damage caused by fire, flooding, and other natural disasters and Acts of God.
- Changes in color due to aging, excessive moisture, exposure to sunlight or Ultra Violet rays (which may cause oxidation of finish/stain) is not considered a defect. Certain species including, but not limited to, American Cherry, Walnut, Brazilian Cherry, and Merbau are especially susceptible to color change. Area rugs should be moved occasionally, as they block sunlight and may give the appearance of discoloration under the rug.
- Color, shade, or texture variations between samples, printed color photography or replacement flooring and the actual material.
- Color variations between flooring and/or samples and other flooring or wood products, which you wish to match (e.g., cabinets, stair railings, trim, etc.).
- Deficiencies related to subfloor/floor joist assemblies, subfloor preparation materials, and fasteners including, but not limited to, uneven subfloor surfaces, floor deflection or voids in the subfloor.
- Noises including, but not limited to, squeaks, popping, etc.
- A product deformity that is not measurable or that is visible only under certain light or from a certain angle is not considered a defect and is therefore not covered by these warranties. Visible defects should be evaluated by their visibility from a standing position in normal lighting.
- Natural wood characteristics such as variations in grain, color; mineral streaks, knots, normal differences between color of samples and the color of installed floors, and color variations from board to board.
- Natural expansion and contraction resulting in separation between boards or damage caused by low or excessive humidity.
- Products designated as "thrift," "antique," "tavern," "bargain," "cabin grade," "seconds," "economy grade," "rustic," "close-out," "off-goods" or "non-standard." Such products are sold "AS IS."
- Floors that are installed in other than owner-occupied or tenant-occupied residences.
- Commercial installations of residential products.
- Construction or installation-related damage.
- Floors damaged by subfloor moisture or water damage, including without limitation, due to broken or leaking water pipes, flooding, wet-mopping spills or weather conditions.
- Installation defects, including installations made: (i) in violation of applicable state or local housing or building codes, or (ii) contrary to written instructions furnished with the product.

NOTE: YOU AND YOUR INSTALLER ARE RESPONSIBLE TO INSPECT FLOORING PRIOR TO INSTALLATION. WE ACCEPT NO RESPONSIBILITY FOR LIABILITIES, CLAIMS OR EXPENSES, INCLUDING LABOR COSTS, WHERE FLOORING WITH VISIBLE DEFECTS HAS BEEN INSTALLED.

What Should You Do If You Have A Problem?

We want you to be happy with your floor purchase. If you are not, call your retail store first. They can answer your questions and, if necessary, start to process a claim. If you have further questions, please contact us at:

Armstrong Floor Products Claim Center
 P.O. Box 3001
 Lancaster, Pennsylvania 17604-3001
 1 800 233 3823

PLEASE KEEP YOUR SALES RECEIPT. INFORMATION REGARDING THE CLAIMED DEFECT AND DATE AND PROOF OF PURCHASE MUST BE PROVIDED.

IMPORTANT NOTE: While the majority of claims are resolved with the help of your retailer within 30 days from the day you contact them, some claims may require additional attention. In the unlikely event that your claim is not resolved within 30 days, please contact the Armstrong Floor Products Claim Center indicated above no later than 60 days from the date you first discovered the problem with your floor. It is your responsibility to file a timely claim to protect your rights under these limited warranties.

Lifetime Structural Integrity Warranty (1)	Residential Finish Warranty (in years) (2)	Commercial Finish Warranty (in years) (3)	Wood Wear Layer Warranty (in years) (4)	3 times Sanding Warranty (5)	1 time Sanding Warranty (5)	Adhesive Bond Warranty (6)	Subfloor Moisture Protection Warranty (7)	Pre-installation Defects Warranty (8)	Suitable for Radiant-heated Subfloors (9)
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50-YEAR

ENGINEERED

American Scrape™	x	50	10			x	x	x	x
Performance Plus™	x	50	10	50		x	x	x	x
Prime Harvest™ Oak	x	50	10			x	x	x	x

SOLID

American Scrape	x	50	10					x	
Highgrove™ Manor – Oak/Maple/Hickory	x	50	5		x			x	
Highgrove Manor – Cherry	x	50			x			x	
Prime Harvest Oak	x	50	10		x			x	
Somerset™ Solid Plank LG	x	50			x			x	
Somerset Solid Strip LG	x	50			x			x	
Sugar Creek™ Solid Maple Plank	x	50			x			x	
Sugar Creek Solid Maple Strip	x	50			x			x	

25-YEAR

ENGINEERED

Armstrong® Locking Hardwood	x	25						x	x
Armstrong Locking Hardwood w/Permion®	x	25	3					x	x
Artesian Classics™ Collection	x	25				x	x	x	x
Artesian Hand-Tooled	x	25				x	x	x	x
Beckford™ Plank	x	25	3			x	x	x	x
Blackwater Classics™	x	25				x	x	x	x
Century Estate™	x	25				x	x	x	x
Century Farm™ Hand-sculpted Collection – Cherry/Walnut	x	25				x	x	x	x
Century Farm Hand-sculpted Collection – Birch/Hickory/Maple	x	25	3			x	x	x	x
Fifth Avenue™ Plank	x	25			x	x	x	x	x
Halifax™ Hand-sculpted Collection	x	25				x	x	x	x
Heritage Classics™	x	25	3			x	x	x	x
Metro Classics™ – Cherry/Walnut	x	25				x	x	x	x
Metro Classics – Birch/Maple/Pecan	x	25	3			x	x	x	x
Midtown™	x	25	3			x	x	x	x
Rural Living™	x	25				x	x	x	x
Rustic Accents	x	25				x	x	x	x
The Valenza™ Collection	x	25	3		x	x	x	x	x

SOLID

Ascot™ Strip & Plank	x	25			x				x
Gatsby™ Collection	x	25							x
Global Exotics™	x	25						x	x
Kingsford Solid Strip	x	25				x	x	x	x
The Valenza Collection	x	25			x				x
Yorkshire™ Plank	x	25			x				x
Yorkshire Strip	x	25			x				x

Lifetime Structural Integrity Warranty (1)	Residential Finish Warranty (in years) (2)	Commercial Finish Warranty (in years) (3)	Wood Wear Layer Warranty (in years) (4)	3 times Sanding Warranty (5)	1 time Sanding Warranty (5)	Adhesive Bond Warranty (6)	Subfloor Moisture Protection Warranty (7)	Pre-installation Defects Warranty (8)	Suitable for Radiant-heated Subfloors (9)
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15-YEAR

ENGINEERED

Armstrong Locking Hardwood (Select SKU's)	x	15							x	x
Beaumont™ Plank	x	15						x	x	x
Beaumont Plank LG	x	15						x	x	x
Binghamton Plank	x	15						x	x	x
Global Exotics	x	15						x	x	x

SOLID

Danville™ Strip	x	15			x					x
Danville Strip LG	x	15			x					x
Hadley™ Plank	x	15			x					x
Kona Wood™ Plank	x	15			x					x
Kona Wood Strip	x	15			x					x
McKinley™ Plank	x	15			x					x
Oneida™ Plank	x	15			x					x
Oneida Strip	x	15			x					x
Walton™ Plank	x	15			x					x
Walton Strip	x	15			x					x

10-YEAR

ENGINEERED

Shadwell™ Plank	x	10						x	x	x
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SOLID

Portland Strip	x	10			x					x
Urethane Parquet – Foam										
Natural & Better	x	10								x
Urethane Parquet – Wood										
Natural & Better	x	10								x

5-YEAR

SOLID

Urethane Parquet – Foam Contract/Builder	x	5								x
Urethane Parquet – Wood Contract/Builder	x	5								x

Footnotes:

- (1) We warrant that the covered products, in their original manufactured condition, will be free from defects in grading, lamination and assembly for as long as you (the original purchaser) own the floor.
- (2) We warrant to you (the original purchaser) that for the period indicated, the finish on the covered product will not wear through, and that the finish will not separate from the wood flooring under normal household use when maintained in accordance with our recommended maintenance guidelines. Mechanical, chemical, or other modification of the finish, such as sanding or abrading, voids this warranty.
- (3) We warrant to you (the original purchaser) that for the period indicated, the finish on the covered product will not wear through, and that the finish will not separate from the wood flooring under normal commercial use when maintained in accordance with our recommended maintenance guidelines. Mechanical, chemical, or other modification of the finish, such as sanding or abrading, voids this warranty.
- (4) We warrant to you (the original purchaser) that for the period indicated, the acrylic-infused wear layer will not wear through under normal household or commercial use when maintained in accordance with our recommended maintenance guidelines.
- (5) We warrant to you (the original purchaser) that the covered products may be professionally sanded and refinished at least 3 times or 1 time as specified by product if proper sanding and refinishing procedures are followed as specified by the National Wood Flooring Association (www.nwfa.org). Sanding voids (2) and (3).
- (6) We warrant to you (the original purchaser) that, each of our recommended adhesives will maintain its bond when properly installed with our covered flooring products and when maintained in accordance with our recommended maintenance guidelines. For residential installations, the adhesive bond warranty will remain in effect for as long as you own your floor. For commercial installations, the adhesive bond warranty will remain in effect for 7 years from the time of installation.
- (7) **Residential Warranty for Armstrong S-135 VapArrest**
 We warrant that, when the Armstrong S-135 VapArrest Professional Moisture Retardant System is used in conjunction with our recommended urethane adhesives for each of the covered hardwood flooring products, will not release from the subfloor for as long as you (the original purchaser) own your floor. A pre-installation moisture test is not required, provided that the subfloor is visually dry before installation and all other installation instructions are followed. This is a one-time repair and replacement warranty only.
Commercial Warranty for Armstrong S-135 VapArrest
 We warrant that, when Armstrong S-135 VapArrest Professional Moisture Retardant System is used in conjunction with our recommended urethane adhesives for each of

the covered hardwood flooring products, will not release from the subfloor for a period of 7 years from the time of installation. To be covered by this warranty, subfloor moisture levels must be less than 12 lbs./24 hours/1000 sq. ft. per a calcium chloride test at the time of installation. To ensure your warranty remains effective, keep your proof of pre-installation moisture test results. This is a one-time repair and replacement warranty only.

- (8) We warrant that the covered products are manufactured in accordance with accepted industry standards, which permit grading deficiencies not to exceed 5% over the entire floor. You or your installer should carefully inspect the products before installation for any milling, dimension or visual defects. The installer must use reasonable selectivity and hold out or cut off pieces with deficiencies. Since wood is a natural product, there will be natural variations in color, tone and grain that are not covered by our warranties. The pre-installation warranty expires upon installation.
- (9) Floors installed over radiant heated subfloors, but not indicated as suitable for radiant heat, will void all warranty coverage.

CARE AND MAINTENANCE GUIDELINES FOR ARMSTRONG® HARTGUARD®, HARTGUARD DELUXE AND PERMION® FINISH FLOORS

Proper care and maintenance will help ensure your floor always looks its best. Simply follow our maintenance and prevention steps outlined below.

Armstrong® Recommended Floor Care Products:

Armstrong or Bruce® Hardwood & Laminate Floor Cleaner: For use on all finished hardwood flooring products marketed by Armstrong. A unique cleaner that lifts soil from the surface of the urethane finish without leaving a film. Simply apply the cleaner onto a clean cloth for cleaning small areas or spray directly onto the floor and use an Armstrong or Bruce swivel-head mop with cloth cover for cleaning the entire area.

Armstrong or Bruce Hardwood & Laminate Cleaning System: An all-in-one, easy-to-use, quick-cleaning kit for all urethane-finished hardwood and laminate floors. Kit includes one spray bottle of Hardwood & Laminate Floor Cleaner; one large, swivel-head mop that collapses for easy reach under furniture and appliances; and one cloth mop cover that is both reversible and machine washable.

Armstrong or Bruce Replacement Mop Covers: Each pack contains two soft, absorbent, terry cloth covers, elastic-fitted for quick and easy replacement on the swivel-head mop. Covers are reversible and machine washable.

Bruce Fresh Finish: An easy do-it-yourself touch-up for all pre-finished urethane hardwood floors. A great alternative to sanding and recoating, it restores the original gloss level of your floor even after years of traffic and wear.

Touch-Up Kit: Used for blending scratches and nicks on urethane-finished floors. The kit contains touch-up markers and filler sticks that blend with the factory-finished stains plus complete instructions and materials to easily repair many problems.

Acrylic Filler: Designed to conveniently fill gaps, small openings and broken edges. Simply apply the material on the area to be repaired and wipe away excess with a damp towel.

Armstrong or Bruce Floor Protector Pads: For use on the feet of furniture and appliances to guard against scratching, abrasion and indentations.

Initial Care:

Following installation, clean with Armstrong or Bruce Hardwood & Laminate Floor Cleaner. If the floor was glued down, remove any residual adhesive with Armstrong Adhesive Cleaner.

Ongoing Routine Care and Maintenance:

1. **NEVER CLEAN OR WET MOP WITH WATER.** Water may permanently damage the floor.
2. Area rugs are recommended in front of kitchen sinks, at all pivot points and within high-traffic areas. Do not use rugs with solid rubber or vinyl backings. The rugs must be made of a breathable material to prevent moisture entrapment.
3. Use interior and exterior doormats at all entrances to collect dirt and moisture and prevent it from being tracked onto the floor.
4. Protect your floor from direct sunlight. Use curtains and UV resistant film on large glass doors and windows. Move area rugs occasionally as they block sunlight and may give the appearance of discoloring under the rug.
5. Keep animal nails trimmed to minimize finish scratches.
6. Do not damage your floor with shoes having heel taps or sharp objects protruding from the sole such as rocks, exposed nails and gravel.
7. Avoid walking on wood floors with spike- or stiletto-heeled shoes. Spike or stiletto high-heels must be properly maintained to prevent damage from the steel heel support.

8. Do not roll or slide heavy objects directly upon the floor. When moving appliances or heavy furniture, consider laying a solid protective covering on your floor and gently "walk" the item across it. Carpet or cardboard is not adequate to prevent surface compression scratches.
9. Use protective casters/caster cups or felt pads on the legs of furniture to prevent damage to the flooring. Make certain to keep them clean and well maintained.
10. Certain types of casters on furniture may damage hardwood flooring. Barrel-type caster wheels or wide, flat glides are best for protecting your hardwood floor. If your furniture does not have the right type of caster, we recommend that you change them.
 11. Replace hard, narrow furniture rollers with wide rubber rollers.
 12. Keep the relative humidity in your home between 35% and 55%.
 13. Never use any of the following products (or products similar in nature) on your floor: ammonia-based cleaners, acrylic finishes, wax-based products, detergents, bleach, polishes, oil soap, abrasive cleaning soaps, or acidic materials such as vinegar. Many of these products can pit or etch the finish of your flooring or prevent the proper use of recommended maintenance materials.
 14. Vacuum, sweep or dust mop your floor once a week, or more if needed. The vacuum head must be brush or felt, and a wand attachment is preferable. Do not use vacuums with beater bars or hard heads. An Armstrong swivel-head mop with terry cloth cover is also highly recommended to eliminate finer particles of grit and dirt that can act like sandpaper on hardwood floors.
 15. Spills and tracked-in dirt should be wiped up immediately. For spot cleaning, apply Armstrong Hardwood & Laminate Floor Cleaner onto a clean cloth and rub onto the spot. Never apply wax treatments to your urethane-coated floor.
 16. Regularly clean the floor with Armstrong Hardwood & Laminate Floor Cleaner using the recommended swivel-head mop with cloth cover. Spray the floor cleaner directly onto the floor or on the mop cover. DO NOT allow excess cleaner to remain on the floor's surface. Excess liquid may damage the fiber of the wood.

Quick Fix Tips:

Spots caused by food/water/animals

- Apply Armstrong® Hardwood & Laminate Floor Cleaner to a clean soft cloth.
- Rub the area to remove the stain or spot.
- More stubborn spots may require additional cleaning with odorless mineral spirits, followed by cleaning with Armstrong or Bruce Hardwood & Laminate Floor Cleaner.

Grease/Lipstick/Crayon/Ink Spots/Rubber Heel Marks

- Apply Armstrong Hardwood & Laminate Floor Cleaner to a clean soft cloth.
- Rub the area to remove the stain or spot.
- If stain remains, rub with a cloth dampened with odorless mineral spirits, followed by cleaning with Armstrong or Bruce Hardwood & Laminate Floor Cleaner

Chewing Gum/Candle Wax

- Apply a sealed plastic bag filled with ice on top of the deposit.
- Wait until deposit becomes brittle enough to crumble off.
- After deposit has been removed, clean entire area with Armstrong Hardwood & Laminate Floor Cleaner.

Minor Abrasions/Scratches

- Use an Armstrong Touch-Up Kit or Armstrong Acrylic Filler; that blends with your factory stained floor color to make minor repairs.
- Apply Bruce Fresh Finish to recondition larger areas.

Chips, broken edges and gaps

- Blend area with appropriate Armstrong touch-up pen or fill stick from an Armstrong Touch-Up Kit or the appropriate Armstrong Acrylic Filler.

Deep Scratches/Gouges

- Individual planks, strips or parquets that are heavily gouged or damaged may be repaired with Armstrong Acrylic Filler or Armstrong Touch-Up Kit. Major damage will require board replacement.
- If needed, the entire floor can be refurbished by applying one or more coats of Bruce Fresh Finish.

CARE AND MAINTENANCE GUIDELINES FOR ARMSTRONG HARTWOOD® PLANK, HARTWOOD PARQUET, PREMIER PERFORMANCE (HARTWOOD FINISH) AND PATTERN PLUS® 5000 (NON-URETHANE FINISH)

Follow these instructions in addition to the previous maintenance and floor care tips:

Residential HartWood™ Finish:

- **Initial Care:** Remove any existing adhesive on the flooring with low odor mineral spirits and a clean cloth. Urethane adhesive should be removed with **Armstrong Adhesive Cleaner**. Clean the floor thoroughly by sweeping and using **Armstrong Hardwood & Laminate Floor Cleaner**.
- **Routine Care:** Sweep, vacuum or dust mop regularly to keep clean. Wipe up spills or spots with a damp cloth or swivel-head mop with terry cloth cover using **Armstrong Hardwood & Laminate Floor Cleaner**. Large areas can be cleaned by misting **Armstrong Hardwood & Laminate Floor Cleaner** on the area and wiping until clean and dry with a soft towel or swivel-head mop.

Commercial HartWood™ Finish:

- **Initial Care:** Remove any existing adhesive on the flooring with low odor mineral spirits and a clean cloth. Urethane adhesive should be removed with **Armstrong Adhesive Cleaner**. Following installation, the floor should be swept, dust mopped or vacuumed to remove any grit or debris that could scratch the floor. Apply Armstrong Spray Shield and buff with a commercial buffer. Slow speed buffers less than 1,000 rpm's: Use a medium-coarse nylon pad (equivalent to a 3M red pad) and buff dry. High speed buffers over 1,000 rpm's: Use a high speed pad (equivalent to a 3M beige pad) and buff until dry and shiny.
- **Routine Care:** Following a regular maintenance schedule, sweep, dust mop or vacuum to remove any grit or debris that could scratch the floor. Do not use oil-treated dust mops. For spot cleaning, dampen a cloth with Armstrong Hardwood & Laminate Floor Cleaner and rub until clean. For cleaning large areas, mist Armstrong Hardwood & Laminate Floor Cleaner on the floor and wipe until clean and dry with a soft towel or swivel-head mop.
- **Periodic Care:** Sweep, dust mop or vacuum to remove any grit or debris that could scratch the floor. For spot cleaning, dampen a cloth with **Armstrong Hardwood & Laminate Floor Cleaner** and rub until clean. For cleaning large areas, mist **Armstrong Hardwood & Laminate Floor Cleaner** on the floor and wipe until clean and dry with a soft towel or swivel-head mop. As an alternative, buff the floor using a commercial low speed buffer (less than 500 rpm) and a red nylon pad (3M or equivalent). Apply **Armstrong Hardwood & Laminate Floor Cleaner** to the surface in the path of the buffing machine using a misting bottle.

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