



Vintage Installation and Maintenance Information

This Installation and Warranty Card is for all Vintage Product lines.

General Installation Instructions for all products

Ensure the site environmental conditions are suitable for installation and take record. This includes: Relative Humidity, Subfloor or Concrete Moisture Reading, condition of product to be laid, sources of water or humidity extremes. Do not continue, if any of the conditions in these directions and warranties are not met and/or according to the NWFA instructions.

Ensure all other trade activities are completed as they may impact the quality of the installed flooring. Wood flooring is one of the last products to be installed at a construction site. Window, door, dry walling and painting and HVAC activation (on for >7 days) must be completed and dry before installation begins. This is to avoid humidity extremes and damages that void the warranty.

Acclimatize the product according to the product directions (many Vintage products are designed to install and perform better without acclimatization). See more information below.

Ensure the subfloor is perfectly level (1/8" per 8'). Level high spots and fill low spots as required. Ensure the subfloor is firmly anchored ensuring no movement, flex or squeaking.

Ensure the subfloor is less than 12% MC and record readings, subfloor must be within 4% of the actual floor being installed.

Thoroughly sweep and vacuum the area the flooring is to be installed.

Prepare installation along longest straightest wall first using long pieces for starting row and across (perpendicular to) floor joist.

Open and select products from multiple boxes to ensure an appropriate mix of lengths, wood character and color.

Inspect each piece before installation. Do not install any defective piece or piece that has a color, character or grain etc. that may not suit the look of the floor and may be displeasing to the consumer. These pieces can be cut and used for starters, installed in a less conspicuous location (E.g. Closet, under Cabinets etc.) or discarded. If you choose not to install these pieces please note they are not covered by Vintage's warranty.

Preparation of Plywood & Concrete Subfloor

Vintage Hardwood Flooring recommends that all Vintage Hardwood Flooring be installed with a minimum of 5/8" (15.8750 mm) A.P.A. approved, C.S.P./D.F.P. stamped plywood, or 3/4" O.S.B. Underlay grade PS2-92 rated, or concrete slab. The use of particleboard as a subfloor will automatically void the warranty. Consult your Authorized Vintage Dealer for recommendations on your specific subfloor application. Any failure of Vintage Hardwood Flooring relating to improper subfloors, or subfloor preparation is not the responsibility of Vintage Hardwood Flooring, and will not be covered under warranty. Sweep and vacuum subfloor. Ensure that old carpets, oils, foreign particles, protruding nails, carpet glues, etc., are removed prior to installation. For wood subfloors, make sure they are level, clean, dry and securely fastened. Repair and/or replace any section that is rotted or damaged. Always follow local building codes.

Do not install Vintage's Pioneered Solid hardwood flooring over concrete unless an acceptable plywood subfloor and vapor barrier is firmly anchored over sleepers and a dehumidifier is in place to continuously remove excess humidity from the room.

Moisture Content
Acceptable subfloors & ground levels installations for Vintage Product

Pioneered Solid	Plywood, OSB	At or above ground level only	Nail
Crafted Engineered	Plywood, OSB or Concrete	At, above or below ground level	Nail, glue or float
Solid Sawn	Plywood, OSB or Concrete	At, above or below ground level	Nail, glue or float
Northern Solid Sawn	Plywood, OSB or Concrete	At, above or below ground level	Nail, glue or float
U-LOC	Plywood, OSB or Concrete	At, above or below ground level	Float

Plywood: The maximum moisture content (MC) for plywood should never exceed 12%
Concrete: The maximum moisture content for concrete should never exceed 12%
The difference between the flooring and the subfloor should never exceed 4%

Tools & Accessories - For all types of Installations

Table saw, miter saw, measuring tape, nail set, hammer, tapping block, nail gun (manual or pneumatic), square, chalk line, putty fill, broom, dustpan and Vintage Cleaning Kits. Always consult the dealer you purchased your flooring from for appropriate installation tools.

Tools & Accessories - Nail Down

15 lb felt or equivalent, nail gun or staple gun (manual or pneumatic), square, chalk line, putty fill, broom, dustpan and Vintage Cleaning Kits. See Chart #4 for nail gun & cleat recommendations.

Tools & Accessories - Glue Down

Trowel, cleaning solvent and moisture cured glue - See Chart #5 for recommendations.

NOTE: It is extremely important that you use the proper trowel to ensure maximum coverage and produce a good bond between subfloor and flooring. You may also require a 100-150 pound roller.

Tool & Accessories - Floating Floors

Vintage T & G glue, Vintage's Premium Underpad, mineral solvents (for cleaning glue), and shims.

** All flooring strips should be installed perpendicular (right angle), to the floor joists. In some applications, installing parallel to floor joist may be required for aesthetic reasons. Consult your dealer, installer, and developer for their recommendations and building code requirements.

Installation - Expansion Gap allowances

Pioneered 3/4"	Leave 3/4" around entire room
Crafted 9/16"	For Nail & glue down leave 1/2". Floating leave 5/8" around entire room
Solid Sawn 3/4"	Leave 3/4" around entire room
Northern Solid Sawn 3/4"	Leave 3/4" around entire room
U-LOC 5/8"	For rooms up to 26' x 52' - Leave 1/2" (13 mm)
	For rooms up to 33' x 66' - Leave 5/8" (16 mm)
	For rooms up to 39' x 79' - Leave 3/4" (19 mm)

For floating floors a 3/4" expansion gap must be left up against all vertical obstructions

(Chart #1)

Material Acclimatization

Pioneered:

Open boxes fully (never just the ends) and allow the wood to acclimate to the ambient temperature of the room. The wood must be given 48-72 hours at approx. 23° C (72°F) and a relative humidity of 40% before installation. Special note: In some instances you may not be able to acclimate flooring.

When the relative humidity is too high or too low (above 50 % and below 40 % RH), acclimating may not be suitable. Always consult your hardwood flooring dealer or installer for their recommendations. Expansion and contraction caused by acclimating is not covered under this warranty.

Crafted, Solid Sawn, Northern Solid Sawn & U-LOC: Do not acclimate. Flooring must be installed immediately upon opening the boxes.

Hardwood flooring should be one of the last items installed when renovating your home. For new construction, the heating system must be operating for at least one week (7 days) at normal residential temperatures (approx. 70°F / 22°C) prior to installation.

Additional Allowance Recommendations

This will cover waste, defects or personal preference of boards. It is the installer's and owner's responsibility that all pieces be inspected, and graded prior to installation. If any piece does not meet installer/owner's personal standard, do not install these pieces. If you choose not to install pieces because of appearance, length of piece, or your personal visual standards, this will not be considered part of the 5% defect allowance. It is also recommended to have additional materials kept in case of future repairs.

2 1/4" - 4 3/8" widths	5% additional
5" - 10" widths	8% additional

(Chart #2)

Important Notes

FOR ALL INSTALLATIONS - ALWAYS WORK FROM 5-6 DIFFERENT BOXES AT ONE TIME

The installer is the final grader. Installer/homeowner will take full responsibility for all flooring that is installed, even if the primary owner of the residence is absent at the time of installation. If you are unsure of any requirements, please consult a Vintage dealer prior to installation. Although Vintage Hardwood Flooring takes every precaution to ensure that Vintage's Hardwood Flooring is graded and shipped to industry standards, we suggest you inspect each piece of Vintage Hardwood Flooring before installation. Boards that you may not like the look of, or contain a mark that you think will affect the look of the floor should be used as cut pieces for your start/end pieces. You may also use these pieces in less conspicuous areas such as in closets or under couches and sofa's etc.

Nailed Down Application

See Chart #4 for nail gun and cleat recommendations

Step #1 – Mark your starting line using a chalk line, draw a guide line out from the starting wall by measuring out the width of one board plus (see Chart #1). This line is where your first strip of flooring is going, and also allows for the expansion gap. It is very important for the starting line to be straight and square (see Fig. #1).

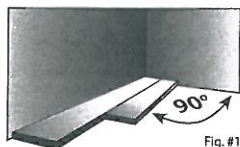


Fig. #1

Step #2 – Install the strips

Face nail or glue using a moisture cured adhesive (best practice) on the first row of strips with the grooved side facing the wall; put the nails as close to the wall as possible. This way, the quarter round will cover the nail heads. You may have to face nail for the first few rows before there is enough room to use the nail/staple gun. It must be nailed/stapled down or glued by hand rather than with the hardwood floor-nailing machine because of the vertical wall obstruction. When clearance allows, start using the hardwood floor nail/staple gun. Nails/staples should be spaced a minimum 2'-3" (57 – 76 mm) from both ends of the boards, and for all other nails/staples, see Chart #3. Measure and cut the strip to the required length to finish the first row. The remaining section should be used to start the second row, in order to minimize cut waste. The strip selection for completing the first row must be long enough to yield a remaining section of adequate length. Leave the required expansion gap (Chart #1) between the wall and the end of each strip in each row. The subsequent rows must be installed in the same manner. Don't be afraid to waste a few strips in order to adjust and test the nailing machine. See Hardwood Floor Nailing Tips. When you reach the last few rows, you may not be able to complete these rows with the nail/staple gun, due to vertical obstructions. Toe nail, face nail, or glue the last remaining rows.

NOTE: You may have to rip the last strips along the wall in order for them to fit properly. Don't forget to leave the minimum space for expansion (Chart #1).

Step #3 – Finally

Install the transition pieces, baseboards and/or quarter round moldings. Following the initial installation, vacuum thoroughly and clean the floor with your Vintage Hardwood Cleaning Kit. For detailed installation guidelines for your specific installation, contact your Authorized Vintage Hardwood Flooring Dealer.

Installing over a crawl space: You may install over a crawl space providing care has been taken to cover all areas of exposed earth with a 6 mm C.G.S.B polyethylene. You must also ensure that sufficient cross ventilation exists so that no moisture will accumulate and be absorbed in the wood flooring. Follow local building codes.

Wood Displacement (Dimples on Surface)

Hardwood Flooring, dense smooth woods in particular, may show dimpling on the surface from the displacement of wood by the fastener. Vintage Flooring should not dimple providing installation is adhered to. Therefore, dimpling is not covered under Vintage's warranty. It is the responsibility of the installer to monitor and take immediate action if dimpling occurs. (i.e. adjusting air pressure, using smaller cleats, adjust/repair nail driver pin, adjust nailer shoe angle etc).

	Nailing Pattern/Schedule	
	Ends of the boards	Along the board
Pioneered (all widths)	2'-3"	6'-8"
Crafted (all widths)	2'-3"	4'-6"
Solid Sawn (3 1/4"-4")	2'-3"	6'-8"
Solid Sawn (5"-10")	2'-3"	4'-6"
Northern Solid Sawn (3 1/4")	2'-3"	6'-8"
Northern Solid Sawn (4 3/8"-5")	2'-3"	4'-6"

(Chart #3)

Hardwood flooring Nail Gun & Fastener Recommendations	
Pioneered Solid	16 gauge or 18 gauge 1 3/4" - 2" cleats
Crafted Engineered	Bostitch EHF1838K staple gun using 18 gauge 1 1/2" staples
Solid Sawn	18 gauge 1 3/4" - 2" cleats
Northern Solid Sawn	16 gauge or 18 gauge 1 3/4" - 2" cleats

Recommendation based on the approved subfloors. Anything outside of this guideline, contact a Vintage dealer.

(Chart #4)

Hardwood Floor Tips

Here are a few tips to make your job easier, should you decide to use a hardwood floor nailer or staple gun.

1. Prevent any scratches and indentations on the surface of the board by keeping the nailer plate (base) clean, free from nicks and scratches at all times. Also by putting down the nailer/stapler on the plywood or on a piece of cardboard, not directly on the prefinished floor.
2. Make sure the nailer/stapler base is squared and sits well on the edge of the strip to ensure the nails /staples are secured into the nailing channel at the proper angle to prevent dimpling and damaging the edges of the strips.
3. Verify regularly the hardwood floor nailer/stapler is in working condition to prevent damages to the strips.
4. Start the second row and subsequent rows with a strip of at least 6" (150 mm) longer or shorter than the strip used in the previous row. This will eliminate unsightly step effects. The remainder of the floor should follow this rule to ensure an aesthetically pleasing floor.

*Pneumatic nailer. Air pressure should be adjusted adequately for each species of hardwood floor being installed and checked regularly (always try it before using) so that the cleats are seated properly in the nailing channel to avoid dimpling. *Great attention to detail during fabrication on the part of the Vintage Hardwood Flooring team ensures exceptional QUALITY in the finished product. Longevity of hardwood floors is directly related to proper installation and lifetime commitment to appropriate care and maintenance.

Glue Down Installation Instructions

Step #1 – Mark your starting line Vintage Flooring recommends that your Vintage Hardwood Flooring be installed parallel to the longest, straightest wall in the room. Start by measuring out from the wall 10 boards wide. Example: for 3.25" Solid Sawn flooring, 10 x 3.25" = 32.50", plus the expansion gap of 3/4" which totals 33.25" from the wall. See Chart #1 for expansion gap widths for all products. Using a chalk line draw a guideline parallel to the wall based on the above measurements. This will eliminate any ripping of material at the end of the job for the last row. Using the straightest pieces of 1"x 2"x 8' length of wood and 2-inch concrete nails or screws, fasten the strips to the concrete. Your first row of starter boards will butt against this, so make sure that the strips are in line with the chalk line because this will determine how straight your floor will be.

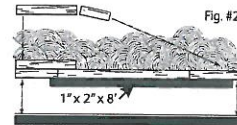


Fig. #2

Note: If you are cutting a piece that has not been set aside for cutting, make sure it is long enough to yield your next row's starting piece. Leave the expansion gap (See Chart #1) between the wall and the end of each strip in each row. See Fig #2.

Step #2 – Spread the adhesive

NOTE: Vintage Hardwood Flooring: only recommends installations when a moisture-cured polymer glue is used. Follow directions of glue manufacturer. Do not use latex/water based glues. Apply the recommended adhesive with a trowel according to the manufacturer's installation instructions (found on adhesive pail) for the specific adhesive that is being used.

SPECIAL NOTE: Open time and installation on adhesives vary from manufacturer to manufacturer so read instructions carefully before starting. Open time can also be affected greatly depending on the temperature and humidity. See Chart #5 for Adhesive recommendations.

Step #3 – Install the strips

You should inspect each piece of Vintage Hardwood Flooring before installation. Boards that you may not like the look of, or with a flaw that you think will affect the look of the floor, should be used as the cut pieces for your start and/or end pieces. You may also choose to put these pieces in less conspicuous areas such as closets or under couches, etc. Start your first piece with the tongue facing the area that will be completed last. Line up the tongue of the boards against the holding strip, and then press the board into the adhesive. Working from left to right, lay the next board and continue working towards the right, until you reach the wall and require a cut piece. Choose one of the pieces set aside for cutting and cut the desired length. **NOTE:** If you are cutting a piece that has not been set aside for cutting, make sure it is long enough to yield your next row's starting piece. Leave the expansion gap between the wall and the end of each strip in each row. Start the second row with a strip of at least 6" (150 mm) longer or shorter than the strip used in the first row. This will eliminate unsightly step effects. The remainder of the floor should follow this rule to ensure an aesthetically clean looking floor. Minimize adhesive from getting into the tongue or groove; otherwise, the strips of the flooring may not fit tightly. If adhesive gets on the finished side of the strips, clean immediately with appropriate cleaning products - see adhesive manufacturer's recommendations.

Flooring may require slight tapping in order to ensure a tight fit. You may use 3M's blue tape (if required), to hold pieces together until glue bond has developed. If a roller is required to obtain maximum adhesion, wrap a foam sheet around it to minimize any damage to the surface of the floor. When you get to the end of the wall, you may require a pry bar to get the pieces tight. Use shims where required until the glue has dried.

Step #4 – Installation of Accessories & Cleaning

After the floor has dried, you may install the baseboards and quarter rounds. Make sure that the nails penetrate the wall and not the floor. **NOTE:** Always keep left over pieces for future use. Flooring may become damaged and require replacing several pieces. It's a good idea to have the same production dates put aside. Use a vacuum to pick up any dust and loose fibers. Using your Vintage Cleaning Kit, available at all Authorized Vintage Dealers or visit us at www.vintageflooring.com and follow instructions and clean the whole floor.

Moisture Cured Adhesive Recommendations

For all glue down installations of Crafted, Solid Sawn or Northern Solid Sawn Dural, AF2130 or equivalent Urethane based or polymer adhesives are acceptable. Vintage does not warranty the adhesive, check manufacturers warranty information.

Floating Floor Installation Instructions

Sweep and vacuum the subfloor before laying any material. Make sure that any high points in the subfloor are removed, cleaned and sanded and any low points are filled with leveling compound.

Vintage's Premium Underpad Installation

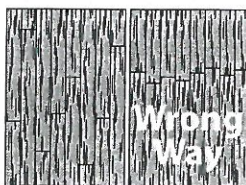
For installations of Vintage Crafted, Solid Sawn, Northern Solid Sawn or U-LOC

Step #1 - After the subfloor has been cleaned, roll out Vintage's premium acoustic underpad. Unroll the underpad with the film coated (shiny side) facing down against the subfloor. Cut the underlayment about 2" longer than the room length. Butt the edge of the first sheet, (the edge without the over lapping film), along wall and trim to fit adjacent walls. Bring the edge of the adjoining sheet to the first sheet so that the edges of the foam meet and the overlapping film underlies the second sheet. Secure the edges of the foam together with tape strips. Repeat this procedure until the entire room is covered; Vintage recommends running 2" of underlay up the sides of the walls. This excess will be covered by the baseboards. It will prevent excess moisture from the concrete migrating to the floor.

Crafted Solid Sawn & Northern Solid Sawn Products

Step #2 - Laying the wood floor

Using the longest pieces available, lay the first row against the longest and straightest wall. Carefully apply glue into top of groove along the whole length of the piece, using Vintage's T & G glue (available at your Authorized Vintage Dealer) specially designed for Vintage's hardwood flooring. Lay the first piece with the grooved edge against the wall. If the wall is not square, use wedges/shims between the flooring strips and the wall to achieve the desired expansion gap. Start the second row with a strip of at least 6" (150mm) longer or shorter than the strip used in the first row. This will eliminate unsightly step effects. The remainder of the floor should follow this rule to ensure an aesthetically pleasing floor. Clean any glue that gets on the finished side of the flooring before the glue dries. Flooring pieces may require slight tapping in order to ensure a tightfit. You may use 3M's blue tape, if required, to hold pieces together until glue bond has fully developed. Rip the strips for the last row to the required width, not forgetting to allow for expansion. Use a crowbar to ensure tight fitting boards, use shims to hold in place until glue has dried. Remove the shims 24 hours after installation.



U-LOC Installation

Step #2 Laying the wood flooring

Insert the tongue at the side of the board into the groove at 45 (degrees) angle. Use both hands to apply equal pressure to the board. Line up the far left side of the board to be positioned with the end of the previous board installed. Lightly press the board down to lock in place. Never force boards and remove debris that could get in the way of the locking system. For aesthetic reasons, on starting the next row, always make sure to stagger the end joints by at least 6" (15.24 cm). Try to use cut piece from previous row to start new row. Vintage's U-LOC flooring uses a drop loc end joint. Simply drop one end over the adjacent end and they fall into place. Proceed with the subsequent boards in similar manner to complete the row. All joints shall have a tight fit. Leave an appropriate gap between the wall and the flooring for expansion.

To lay the last row, boards must be at least 1 1/2" wide to attach properly, don't forget the expansion gap. Moldings shall be fastened to the adjacent wall by nail or screw, not the floor, overlapping the expansion gap allowance. If the molding is attached to the floor, the floor will be pinched and will not expand and contract as it is made to perform.

General Care & Maintenance for all Vintage Hardwood Floors



Vacuum and sweep your floor as often as required to eliminate dust and debris from your floor. This may have to be done on a daily basis; depending on the amount of traffic in your home. Use Vintage's Maintenance Kit as needed to remove grime.



Never clean your hardwood floor with water or use a cleaner that is mixed with water. Do not use vinegar, bleach, household cleaners or any oil based detergent on your hardwood flooring. These can also leave a greasy and/or cloudy film or damage the finish.

Keep floor mats at all entranceways to keep dirt and moisture from being tracked on your floor. Place walk off mats at all exterior entrances. This will capture much of the harmful dirt before it ever reaches the hardwood floor. Shake out, wash and vacuum mats and rugs frequently.

To avoid water marks, never let spills of any type remain on the surface of the floor. Wipe up spills immediately. Rotate area rugs occasionally to minimize discoloration from sunlight.

Use adequate floor protection (felt pads) under all furniture and chair legs, in order to ease their movements and to prevent scratches and dents. Replace as required or regularly.

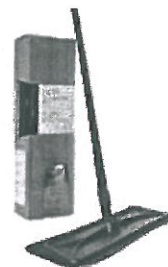


When moving heavy furniture or appliances, put a large heavy blanket underneath them to avoid scratches and dents.

Do not wear high heels on your hardwood floor. Spiked shoes exert approximately 1000 pounds per square inch. Old, unprotected tips will dent any hardwood floor.

Try to maintain an average humidity level of 45% in order to minimize the expansion and contraction in your floor. Use a hygrometer to help monitor humidity levels through out the home. Available on Vintage's website or dealer.

Minimize surface scratches by keeping your pets nails trimmed.



Heavy Gauge or Deep Scratch Repair:

Vacuum and clean the floor with Vintage Floor Cleaner and let the floor dry. If you have removed the finish and stain and are seeing the unfinished wood, use color matched pen & fill stick to color the unfinished wood fibers (if the floor is natural no stain is required.) Stay within the line and try not to color on the unaffected area. Vintage has color touch up kits to match all standard colors offered. Let dry.



Care and Maintenance for UV Urethane Oil finish floors

Vintage Flooring recommends the Loba care and maintenance products to be used on any Vintage UV oiled flooring. Loba and Vintage have tested with these products on all Vintage UV Oil hardwood flooring.

Regular dirt and dust removal for residential:

Vacuum and sweep your floors as often as required to eliminate dust and debris from your floor.

Light traffic for residential use: 3-7 days. Use the Vintage Hardwood Cleaning kit that has been specially formulated to eliminate streaking and residue. Never clean your hardwood with a steam mop, wet mop or use vinegar or bleach.

Note: Before using any Oil product, prepare a sample or test area to determine compatibility, appearance and desired results.



UV Oil Maintenance care for residential:

Minor, superficial scratches as well as dull areas on the surface can be sealed and protected and in some cases can be completely removed by applying Loba Aqua Oil.

1. Vacuum and clean the floor with Vintage Hardwood Floor Cleaner and let the floor dry.
2. Apply a thin film of Loba Aqua Oil with a rag or a mop on the affected area or over the entire floor. The product will dry quickly and the floor can be walked on carefully. Resume normal use after 12 hours. Loba Aqua Oil can be used as frequently as desired. The product will form a sacrificial layer which will wear off with regular use. Therefore it is recommended to reapply the product regularly, or as required. If you notice any portion of the floor that is starting to fade and is showing signs of wear, this is an indicator that you should be applying a coat of the Loba Aqua Oil.

For complete recoating of the UV Urethane please contact an authorized Loba dealer for professional care.

Contact a Vintage dealer for Commercial cleaning instructions

Vintage Hardwood Flooring

409 Evans Ave.
Toronto, ON Canada M8Z 1K8
416-521-6100 or 1-877-256-0231
vintageflooring.com

