

# MANUFACTURER'S LIMITED WARRANTY

## What We Cover and How Long

Manufacturer warrants to the original residential purchaser for a period indicated on this carton from the original date of purchase, that:

1. The design layer of the floor will not stain, wear through or fade from normal sunlight or artificial lighting under normal use conditions in a dry indoor residential setting.
2. The floor will be free of manufacturing defects.
3. The floor joints will remain secure under normal use conditions.
4. The floor will resist water damage from normal use conditions when you follow our recommended cleaning and care practices.

## What You Must Do to Keep the Warranty in Effect

You must acclimate, install and maintain your floor according to the installation and cleaning instructions.

Your floor must be installed in a dry, climate controlled, indoor, residential environment (temperature range of 64°-86°F (18°-30°C) and humidity range of 35% to 75%.)

You must keep your proof of purchase, the end carton label that identifies the product and other documents and receipts, such as your installation invoice.

## What This Warranty Does Not Cover

We do not cover any installation costs for flooring installed with known defects. You must inspect all planks for recognizable defects before and during the installation.

We do not cover surface wear or damage resulting from abusive conditions, misuse of the product, freight damage, modification, alteration, repair or service by anyone other than the authorized Manufacturer's representative, or accidents, including but not limited to severe impact, scratching, cutting, negligence or chemical damage.

We do not cover scratches, indentations and marks that continue across multiple planks. Gloss reduction is not surface wear. Surface wear must be readily visible from the distance of 6 feet, measuring at least 1 square inch.

We do not cover water damage caused by natural disasters, standing water (e.g. from appliance failures), excessive moisture emissions from a concrete slab (more than 5 lbs. per 1,000 sq. ft. over a 24-hour period), hydrostatic pressure, pet urine or other corrosive liquids or outside water (from snow, rain or water which enters through an open window or door, etc.)

We do not cover molding, underlayment, vapor barrier and accessories.

We do not cover damage from rotating beater bars, steam cleaners, abrasive scrubbers, wet mopping, waxes, or similar cleaning and care methods.

We will not review claims unless you purchased the floor from an authorized retailer in the original packaging.

## How To Make a Claim

To make a Warranty claim, contact your retailer or distributor in writing within 30 days after you detect a potential defect.

## What We Will Do to Correct Problems

If we approve a claim, we may choose to repair, replace, or refund the original cost of the defective materials. If the product is no longer available, you will be able to choose from our current designs of equal value. We warrant products that we have repaired or replaced only for the remainder of the original Limited Warranty period. We reserve the right to inspect installed flooring and to remove samples if needed. We may also pay reasonable labor costs to repair or replace any defective product if the floor was professionally installed and a claim is approved during the first year after installation. If your floor was professionally installed and we approve a claim after the first year following the date of installation, we will pay a percentage of your professional installation cost based on the warranty period and the date of installation. For example, if you have a 20 year limited warranty period and you make an approved claim 5 years after installation, we would pay 15/20th (75%) of the approved installation cost.

## DISCLAIMERS AND HOW STATE LAW MAY RELATE TO THIS WARRANTY

MANUFACTURER DISCLAIMS, TO THE FULLEST EXTENT PERMITTED BY FEDERAL AND STATE LAW, ALL OTHER WARRANTIES AND GUARANTEES, WHETHER EXPRESS OR IMPLIED; INCLUDING ANY IMPLIED REPRESENTATION OR WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. MANUFACTURER WILL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR EXEMPLARY DAMAGES. SOME STATES DO NOT ALLOW FOR THE EXCLUSION OF CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION OF CONSEQUENTIAL DAMAGES MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS THAT MAY VARY FROM STATE TO STATE. THIS WARRANTY CONSTITUTES THE ENTIRE AGREEMENT OF THE PARTIES, AND NO WAIVER OR AMENDMENT SHALL BE VALID UNLESS IN WRITING AND SIGNED BY AUTHORIZED REPRESENTATIVES OF MANUFACTURER.

## LIMITED COMMERCIAL USE WARRANTY

If this laminate flooring offers a limited commercial warranty, we warrant to the original purchaser for the number of years listed as "commercial" that the design layer will not stain, wear through or fade from normal sunlight or artificial lighting or stain under normal use conditions in a light commercial setting. This limited commercial warranty includes all of the above conditions.

This limited warranty, dated April 2016, supersedes all prior warranties.

## Installation IMPORTANT - Do not open immediately. Before opening, acclimatize planks for 48 hours by laying each box horizontally and individually in center of room where they will be installed. Make sure subfloor is clean, dry and flat (maximum 3/16" deflection over 10'). Always use safety glasses and a mask. Visit our website for more help.

### Suitable subfloors for Laminat Flooring are:

- Existing floor surfaces including hardwood floors, linoleum, resilient vinyl, PVC (plastic floor surfaces must be permanently attached to the subfloor).
- Cement floors on all grades/elevations (maximum residual moisture 2.0 CM%). With a calcium chloride test, the maximum acceptable reading is 5.0 lbs/24 hours/1000 sq. ft.
- Anhydrite and Anhydrite tiles, Magnesium Cement (max residual moisture 0.3 CM%)
- Wood subfloor moisture 14.5% maximum
- Concrete relative humidity 70% maximum

**Attention!** Without a documented measurement of residual moisture content, a claim against the manufacturer for damages cannot be considered. Concrete sub-floors must always be covered with a 6 mil vapor barrier even if linoleum, PVC or resilient vinyl is firmly attached to the concrete.

## Instalación IMPORTANT - No abrir inmediatamente. Antes de abrirla, aclimatizarse tableros durante 48 horas colocando horizontalmente cada caja e individualmente en el centro de la habitación donde se instalará. Hacer su sub suelo esté limpio, seco y plano (máximo 3/16" deflexión durante 10'.) Utilice siempre gafas protectoras y una máscara. Visite nuestro sitio web para obtener más ayuda.

- Superficies de piso existentes incluyendo pisos de madera dura, linóleo, vinilo resistente, PVC (las superficies de piso plásticas deberán estar permanentemente adheridas al contrapiso), fieltro agujado, piso de cerámica (seco).
- Pisos de cemento a todos los niveles/elevaciones (humedad residual máxima 2,0 CM%). Con una prueba de cloruro de calcio, la lectura máxima aceptable es 2,3 kg/24 horas/92,9 m2.
- Anhidrita y baldosas de anhidrita, cemento de magnesio (humedad residual máx. 0,3 CM%)
- Subpiso de madera humedad 14,5% máximo
- Hormigón máximo del 70% de humedad relativa

**¡Atención!** Sin una medición documentada del contenido de humedad residual, no puede considerarse una demanda contra el fabricante por daños y perjuicios. Concretos concretos siempre deben cubrirse con una barrera de vapor 6 mil aunque linóleo, PVC o vinilo resistente está firmemente sujeta al concreto.

## Proposition 65 WARNING: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Use respiratory protection or other safeguards to avoid inhaling wood dust. This product contains methanol which is known to the state of California to cause reproductive harm.

## Proposición 65 ADVERTENCIA: Taladrar, aserrar, lijar o labrar productos de madera genera polvo de madera, una sustancia conocida por el estado de California como causantes de cáncer. Use protección respiratoria u otras salvaguardias para evitar inhalar el polvo de madera. Este producto contiene metanol el cual es conocido en el estado de California para causar daños a la sistema reproductivo.

IMPORTANT HEALTH NOTICE FOR MINNESOTA RESIDENTS ONLY: THESE BUILDING MATERIALS EMIT FORMALDEHYDE. EYE, NOSE, AND THROAT IRRITATION, HEADACHE, NAUSEA AND A VARIETY OF ASTHMA-LIKE SYMPTOMS, INCLUDING SHORTNESS OF BREATH, HAVE BEEN REPORTED AS A RESULT OF FORMALDEHYDE EXPOSURE. ELDERLY PERSONS AND YOUNG CHILDREN, AS WELL AS ANYONE WITH A HISTORY OF ASTHMA, ALLERGIES, OR LUNG PROBLEMS, MAY BE AT GREATER RISK. RESEARCH IS CONTINUING ON THE POSSIBLE LONG-TERM EFFECTS OF EXPOSURE TO FORMALDEHYDE. REDUCED VENTILATION MAY ALLOW FORMALDEHYDE AND OTHER CONTAMINANTS TO ACCUMULATE IN THE INDOOR AIR. HIGH INDOOR TEMPERATURES AND HUMIDITY RAISE FORMALDEHYDE LEVELS. WHEN A HOME IS TO BE LOCATED IN AREAS SUBJECT TO EXTREME SUMMER TEMPERATURES, AN AIR-CONDITIONING SYSTEM CAN BE USED TO CONTROL INDOOR TEMPERATURE LEVELS. OTHER MEANS OF CONTROLLED MECHANICAL VENTILATION CAN BE USED TO REDUCE LEVELS OF FORMALDEHYDE AND OTHER INDOOR AIR CONTAMINANTS. IF YOU HAVE ANY QUESTIONS REGARDING THE HEALTH EFFECTS OF FORMALDEHYDE, CONSULT YOUR DOCTOR OR CALL LOCAL HEALTH DEPARTMENT.

WARNING! DO NOT MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES. PREVIOUSLY INSTALLED RESILIENT FLOORING MAY CONTAIN EITHER ASBESTOS FIBERS OR CRYSTALLINE SILICA. THE PRODUCTS IN THIS BOX DO NOT CONTAIN ASBESTOS.

AVOID CREATING DUST. INHALATION OF SUCH DUST IS A CANCER AND RESPIRATORY TRACT HAZARD. SMOKING BY INDIVIDUALS EXPOSED TO ASBESTOS FIBERS GREATLY INCREASES THE RISK OF SERIOUS BODILY HARM. UNLESS POSITIVELY CERTAIN THAT THE PRODUCT IS A NONASBESTOS CONTAINING MATERIAL, YOU MUST PRESUME IT CONTAINS ASBESTOS. REGULATIONS MAY REQUIRE THAT THE MATERIAL BE TESTED TO DETERMINE ASBESTOS CONTENT AND MAY GOVERN THE REMOVAL AND DISPOSAL OF MATERIAL. SEE CURRENT EDITION OF THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) PUBLICATION "RECOMMENDED WORK PRACTICES FOR REMOVAL OF RESILIENT FLOOR COVERINGS" FOR DETAILED INFORMATION AND INSTRUCTIONS ON REMOVING ALL RESILIENT COVERING STRUCTURES.

AVISO DE SALUD IMPORTANTE PARA LOS RESIDENTES DE MINNESOTA: ESTOS MATERIALES DE CONSTRUCCIÓN EMITEN FORMALDEHIDOS. SE HA INFORMADO DE LA PRESENCIA DE IRRITACION DE LOS OJOS, LA NARIZ Y LA GARGANTA, DOLORS DE CABEZA, NAUSEAS Y VARIOS SINTOMAS PARECIDOS AL ASMA, INCLUIDAS DIFICULTADES PARA RESPIRAR, COMO RESULTADO DE LA EXPOSICIÓN A LOS FORMALDEHIDOS. LAS PERSONAS MAYORES Y LOS NIÑOS PEQUEÑOS, ADÉMÁS DE CUALQUIER PERSONA CON ANTECEDENTES DE ASMA, ALERGIAS O PROBLEMAS PULMONARES, PUEDEN CORRER UN MAYOR RIESGO. ACTUALMENTE SE INVESTIGAN LOS POSIBLES EFECTOS A LARGO PLAZO DE LA EXPOSICIÓN A LOS FORMALDEHIDOS. UNA VENTILACIÓN DEFICIENTE PUEDE PROVOCAR QUE LOS FORMALDEHIDOS Y OTROS CONTAMINANTES SE ACUMULEN EN EL AIRE DEL INTERIOR. LAS TEMPERATURAS INTERIORES ALTAS Y LA HUMEDAD AUMENTAN LOS NIVELES DE FORMALDEHIDOS. EN EL CASO DE LAS CASAS UBICADAS EN ÁREAS SUJETAS A TEMPERATURAS VERANIEGAS EXTREMAS, SE PUEDE USAR UN SISTEMA DE AIRE ACONDICIONADO PARA CONTROLAR EL NIVEL DE LA TEMPERATURA DEL INTERIOR. SE PUEDEN USAR OTROS MÉTODOS DE VENTILACIÓN MECÁNICA CONTROLADA PARA DISMINUIR LOS NIVELES DE FORMALDEHIDOS Y OTROS CONTAMINANTES DEL AIRE DEL INTERIOR. SI TIENE ALGUNA PREGUNTA ACERCA DE LOS EFECTOS EN LA SALUD DE LOS FORMALDEHIDOS, CONSULTE A SU PULMÓNICO O AL DEPARTAMENTO LOCAL DE SALUD.

¡ADVERTENCIA! NO DESCASCARE NI PULVERICE MECÁNICAMENTE EL PISO ELÁSTICO, EL REFUERZO, EL REVESTIMIENTO DE FIELTRO, EL ADHESIVO ASFÁLTICO "RECORTADO" NI OTROS ADHESIVOS EXISTENTES. EL REVESTIMIENTO ELÁSTICO INSTALADO ANTERIORMENTE PUEDE CONTENER FIBRAS DE ASBESTO O SILICE CRISTALINA. LOS PRODUCTOS EN ESTA CAJA NO CONTIENEN ASBESTO.

EVITE PRODUCIR POLVO. INHALAR ESTE POLVO ES UN RIESGO DE CÁNCER Y DE IRRITACIÓN DE LAS VÍAS RESPIRATORIAS. SI LAS PERSONAS EXPUESTAS A FIBRAS DE ASBESTO FUMAN, CORREN MAYOR RIESGO DE PADecer LESIONES CORPORALES GRAVES. A MENOS QUE TENGA LA CERTEZA DE QUE EL PRODUCTO ES DE UN MATERIAL QUE NO CONTIENE ASBESTO, DEBE ASUMIR QUE SI LO CONTIENE. ES POSIBLE QUE LAS NORMAS REQUIERAN QUE SE PRUEBE EL MATERIAL PARA DETERMINAR EL CONTENIDO DE ASBESTO Y SE PUEDE ORDENAR EL RETIRO Y LA ELIMINACIÓN DEL MATERIAL. CONSULTE LA EDICIÓN ACTUAL DE LA PUBLICACIÓN "PRÁCTICAS DE TRABAJO RECOMENDADAS PARA EL RETIRO DE REVESTIMIENTOS PARA PISOS ELÁSTICOS" DEL INSTITUTO DE REVESTIMIENTOS PARA PISOS ELÁSTICOS (RFCI, POR SUS SIGLAS EN INGLÉS) PARA OBTENER INFORMACIÓN DETALLADA E INSTRUCCIONES PARA EL RETIRO DE TODAS LAS ESTRUCTURAS DE REVESTIMIENTO ELÁSTICO.

For Successful Installation, remember:

1. Acclimate for 48 hours before installing (ie. purchase on Thursday, install on Saturday).
2. Identify the tongue side and the groove side.
3. The tongue side (the smaller extension without a ridge on it) goes against the beginning wall.

## Angle-Drop Installation - Ángulo-Drop Instalación

**1** Install vapor barrier if subfloor is cement (6 mil polyethylene film).  
Instale una barrera de vapor si el contrapiso es cemento (película de polietileno de 6 milésimas de pulgada).

**2** Always use an underlayment padding above the vapor barrier and below the laminate flooring planks. If pad is pre-attached, no additional underlayment should be used.  
Siempre utilice una almohadilla como base de piso sobre la barrera de vapor y debajo de las planchas de piso de laminado. Si la almohadilla está pre fijada, no deberá utilizarse base de piso adicional.

**3** Install parallel to main light source; if no exterior light source, install parallel to longest wall.  
Instale paralelo a la fuente principal de luz; si no hay fuente de luz exterior, instale paralelo a la pared más larga.

**4** If possible, start to lay panels under the door jamb and finish installing planks on a wall without a door jamb. Undercut door jamb. See Working with Limited Clearance section.  
Si es posible, comience a colocar paneles bajo la jamba de la puerta y termine instalando planchas en una pared sin jamba de puerta. Reférase a la sección Cómo trabajar en un espacio limitado.

**5** Remove the tongue on the panels that abut the walls to allow room for spacers and prevent problems from spills.  
Retire la lengüeta en los paneles que abut con las paredes para dar cabida a los espaciadores y evitar problemas en caso de derrames.

**6** Start placing panels so that tongue sides face the wall. Install planks left to right. Observe 3/8" maximum clearance between wall and first row. Confirm first row is straight.  
Empezar a colocar los paneles para que lados de la lengua hacia la pared. Instalar tableros de izquierda a derecha. Observar 3/8" máximo espacio entre pared y primera fila. Confirman primera fila es recta.

**7** Stagger end joints minimum 12" from row to row and using 12" lengths as smallest usable piece. For best results, place weight onto completed first row when installing second row.  
Escalona mínimo juntas final 12" de fila en fila y con longitudes de 12" como pieza más pequeña utilizable. Para obtener mejores resultados, coloque el peso a primera fila completa instalación de segunda fila.

**8** Engage next plank and slide into overlapping end joints position. Acoplar la siguiente tabla y deslizarla en la posición de las juntas de los extremos superpuestas.

**9** Push down to engage end joint. Long joint of next row holds end joint in place. End joints in first and last rows are held in place by base molding/1/4 round.  
Presionar hacia abajo para acoplar la junta del extremo. La junta larga de la siguiente hilera mantiene a la junta del extremo en posición. Las juntas del extremo de la primera y última hilera se mantienen en posición con el zócalo/1/4 redondo.

**10** Always allow for 5/16" - 3/8" expansion around fixed objects.  
Siempre dejar 5/16" - 3/8" espacio alrededor de los objetos fijos.

**11** An expansion gap T-strip is required when length of planks measure 40" max and when width of planks measures 25" max. Transition strips must be placed in all doorways directly under the door when the door is closed.  
Un espacio de dilatación T tira es necesaria cuando la longitud de las tablas de 40" máximo y anchura de las tablas de medidas 25" máximo. Tiras deben colocarse en todas las puertas directamente debajo de la puerta cuando la puerta está cerrada.

**12** Cut the row along the wall to account for the unevenness of the wall while leaving 3/8" expansion room (2.5" minimum plank width).  
Corte la hilera a lo largo de la pared para acomodar el desnivel de la pared mientras deja un espacio de 9,5 mm para expansión (ancho mínimo de plancha 6,4 cm).

**13** To measure and cut last piece in a row, rotate offset section 180°, mark accordingly, cut, rotate back 180° and slot into space.  
Para medir y cortar la última pieza de una hilera, rote la sección del recorte a 180°, marque debidamente, corte, rote nuevamente a 180° y coloque en el espacio.

**14** Ensure floor is able to expand. Verifique que el piso posea la capacidad de expandirse.

**REMOVAL:** Disengage planks from other rows. Carefully lift plank straight up.  
Desacoplar las tablas de otras hileras. Levantar cuidadosamente la tabla hacia arriba derecha.

## Working with Limited Clearance Trabajos con limitaciones de espacio

**1** Some long edge joints cannot be installed using a 20° angle. Algunas uniones de extremo largo no pueden instalarse a un ángulo de 20°.

**2** Remove top part of the groove profile. Quitar la parte superior del perfil de la ranura.

**3** Use good quality wood glue to make the connection. Utilice buena calidad para madera de pegamento para efectuar la conexión.

**4** Slide panel into profile horizontally and slot into space. Use these modified planks under doorframes, radiators, cabinet fronts, etc. Use the pull bar to slide the planks where needed.

**CLEANING & CARE Limpieza y mantenimiento**

· Do not use any cleaning agents containing wax, oil or polish. Left over residue from these agents can leave a dull film on the floor. · No utilice a agentes de limpieza que contengan cera, aceite o pulir. Izquierda sobre residuos de estos agentes puede dejar una película opaca en el piso.

· Never leave any amounts of liquids (water, juices, soft drinks, alcohol, etc.) on the floor for more than the time necessary to clean the spill. Immediately wipe up wet areas from spills, foreign substances or wet shoes. · No utilice lana de acero o polvo abrasivo, ya que esto podría rayar el piso.

· Use either a natural or color-fast doormat outside and inside each entrance to your home to prevent dirt, sand, grit and other substances from being tracked outside your home. · Use wide-bearing, non-staining floor protectors, such as felt protectors for chair legs and table legs. · Use a natural or color-fast doormat outside and inside each entrance to your home to prevent dirt, sand, grit and other substances from being tracked outside your home. · Use wide-bearing, non-staining floor protectors, such as felt protectors for chair legs and table legs.

**Cómo limpiar manchas y otros problemas**

Jugo, vino, grasa, chocolate  
Quemaduras de cigarro, asfalto, betún, para zapatos, pintura, tinta, creyón, alimentos deshidratados, esmalte de uñas  
Cera de vela, goma de mascar

Moje un paño con agua y el limpiador para laminados y limpie el área donde se encuentre la mancha.  
Moje un paño con alcohol de frotar o removedor de esmalte de uñas y limpie el área donde está la mancha.  
Deje que endurezca y suavemente raspe con un raspador de plástico.

**CAUTION - Using too much water or any other cleaning solution could result in the planks swelling, creating permanent damage to your floor. This damage would NOT be covered by Manufacturer's Limited Warranty.**

# Wall Mounting Instructions

---

**Limited warranty for laminate planks on walls:** When using this product on walls, we warrant to the original purchaser that the planks will not stain, wear or fade when you follow our installation, cleaning and care instructions.

**IMPORTANT: Do not open immediately.** You must first acclimatize your planks for 48 hours. For example, if you buy your planks on a Sunday, you'll want to install on Tuesday. Start the acclimation process by laying each box horizontally (flat on their backs) in center of room where they will be installed.

For wall applications, laminate flooring must be at least 8mm thick in order to prevent damage to the locking system caused by brad nailer.

## **General guidelines before installing:**

1. Laminate should be used as a decorative covering over an existing dry and clean wall that is vertical and that meets local building codes. The wall substrate should be primed or painted drywall only. Do not install directly over wallpaper or paneling.
2. Do not use these instructions to mount laminate on ceilings, countertops or as any type of structural material.
3. Laminate is only suitable when used in climate controlled (35-65% RH and 60-85 F) indoor rooms. Maintain these conditions throughout the installation process.
4. You should plan to mix planks from different cartons as you install to achieve the most natural appearance.
5. You should check wall for flatness within 3/16" over 10 feet.
6. Before installing, please check wall for moisture, visible water stains or leaking windows. Do not install laminate over a wall that has had water damage.
7. You should not install your laminate near water sources such as a backsplash over a sink or bathtub.
8. These requirements are not intended to supersede federal, state or local building codes, but as with many other interior finish products, may require modifying existing structural components for successful installation.
9. Owner assumes responsibility for compliance with all building codes.

## **CAUTION:**

Always use safety glasses and a mask. Sawing, sanding or machining wood products can produce wood dust. If that dust gets airborne, it can cause respiratory, eye and skin irritation. Wood dust has been classified as a nasal carcinogen in humans by The International Agency for Research on Cancer (IARC).

## **Precautionary measure if you bought laminate planks with a pad attached:**

If you chose to purchase and install a plank that has an underlayment pad already attached, you should remove the attached pad before using your laminate planks as a wall. This will ensure that the hard backing of each plank is adhered directly to the wall.

# Wall Mounting Instructions

---

## **Precautionary measures if power tools are used:**

Please follow a manufacturer's safety instructions and practices when using power tools. The power tools must be equipped with a dust collector. If you encounter high dust levels, use the appropriate NIOSH-designated dust mask. Avoid dust contact with eyes and skin.

## **First aid measures in case of irritation:**

For 15 minutes you should flush eyes and skin with water. Seek medical attention if irritation persists.

## **Proposition 65 Warning:**

This product contains chemicals known to the state of California to cause cancer and/or reproductive harm. Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the state of California to cause cancer. Use respiratory protection and other safeguards to avoid inhaling wood dust.

## **IMPORTANT HEALTH NOTICE FOR MINNESOTA RESIDENTS:**

THESE BUILDING MATERIALS EMIT FORMALDEHYDE. EYE, NOSE, AND THROAT IRRITATION, HEADACHE, NAUSEA AND A VARIETY OF ASTHMA-LIKE SYMPTOMS, INCLUDING SHORTNESS OF BREATH, HAVE BEEN REPORTED AS A RESULT OF FORMALDEHYDE EXPOSURE. ELDERLY PERSONS AND YOUNG CHILDREN, AS WELL AS ANYONE WITH A HISTORY OF ASTHMA, ALLERGIES, OR LUNG PROBLEMS, MAY BE AT GREATER RISK. RESEARCH IS CONTINUING ON THE POSSIBLE LONG-TERM EFFECTS OF EXPOSURE TO FORMALDEHYDE. REDUCED VENTILATION MAY ALLOW FORMALDEHYDE AND OTHER CONTAMINANTS TO ACCUMULATE IN THE INDOOR AIR. HIGH INDOOR TEMPERATURES AND HUMIDITY RAISE FORMALDEHYDE LEVELS. WHEN A HOME IS TO BE LOCATED IN AREAS SUBJECT TO EXTREME SUMMER TEMPERATURES, AN AIR-CONDITIONING SYSTEM CAN BE USED TO CONTROL INDOOR TEMPERATURE LEVELS. OTHER MEANS OF CONTROLLED MECHANICAL VENTILATION CAN BE USED TO REDUCE LEVELS OF FORMALDEHYDE AND OTHER INDOOR AIR CONTAMINANTS. IF YOU HAVE ANY QUESTIONS REGARDING THE HEALTH EFFECTS OF FORMALDEHYDE, CONSULT YOUR DOCTOR OR LOCAL HEALTH DEPARTMENT.

## **Tools you'll need to install your new laminate floor:**

- Laminate flooring
- Tape measure
- Caulk gun
- Premium urethane construction adhesive
- Stud finder
- Chalk line
- Air compressor
- Air hose
- Brad nailer
- Miter saw, table saw, jig saw
- Drill
- Spacers

# Wall Mounting Instructions

## Installing your new laminate floor over various surfaces:

Our laminate product can be installed over the following wall substrates: drywall, painted drywall, plywood, OSB, cement board. All substrates must be sound, clean, dry, smooth and flat. Do not install over greasy/oily surfaces, loose paint or surfaces with extraneous debris.

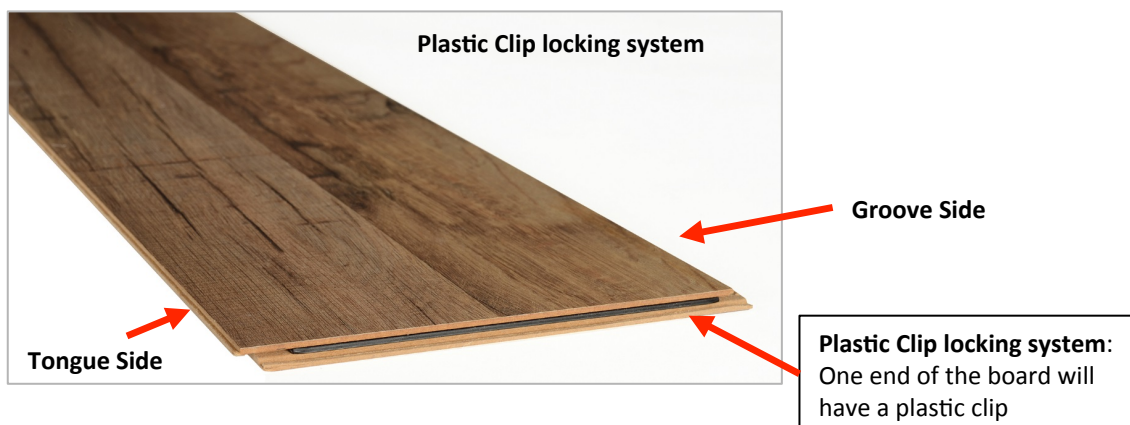
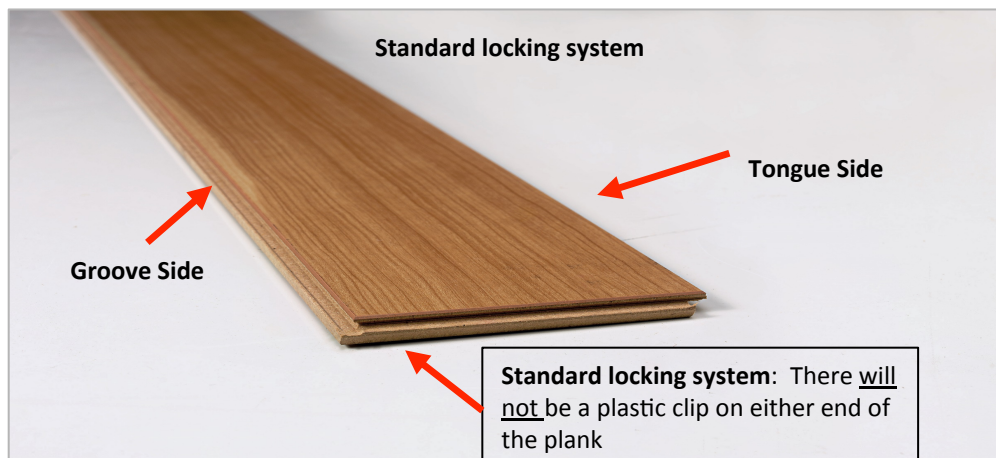
## Buying your planks:

Measure the length and width of the wall area to determine the total square footage area. Order that amount of flooring plus an additional 10% for incorrect cuts.

## Arranging your planks:

For standard installations of laminate on walls, the product can be installed horizontally, diagonally and as a wainscoting. For best results...

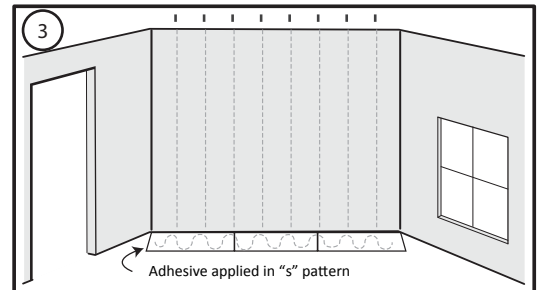
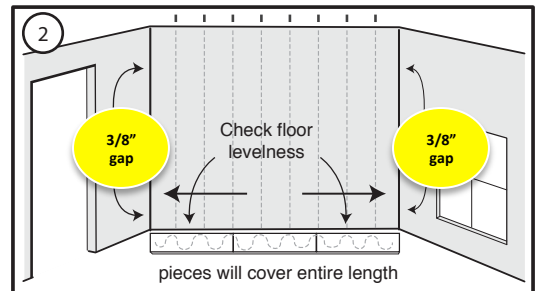
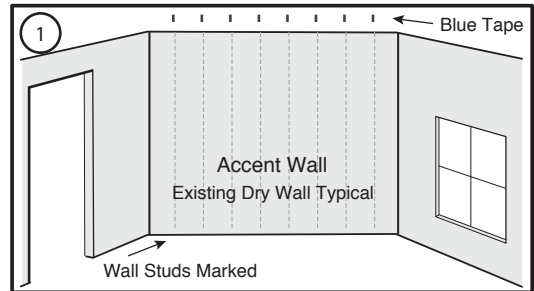
- Layout the planks on the floor prior to installing on the wall.
- Inspect each plank for damage before installing. Do not install damaged planks.
- Identify the tongue and groove sides of the plank.
- Identify the type of locking system on the short side of your plank by referring to the pictures below. You will either have a Plastic Clip or a Standard locking system.
- Planks can be cut prior to installing on the wall. To maintain a random visual, keep end joints of adjacent rows at least 8" apart.



# Wall Mounting Instructions

## How to install your planks horizontally on a wall:

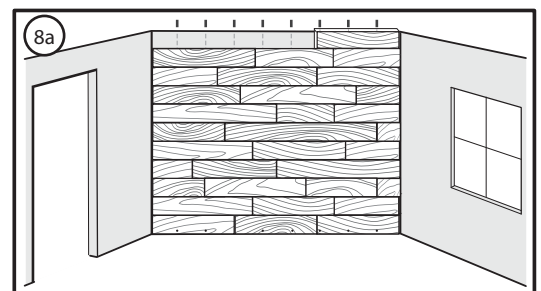
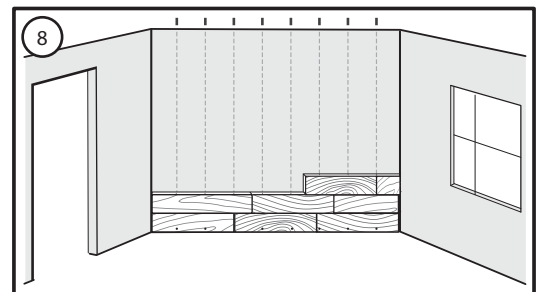
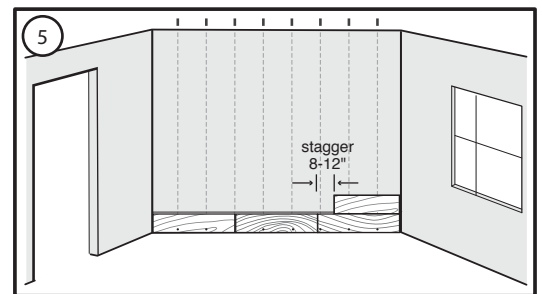
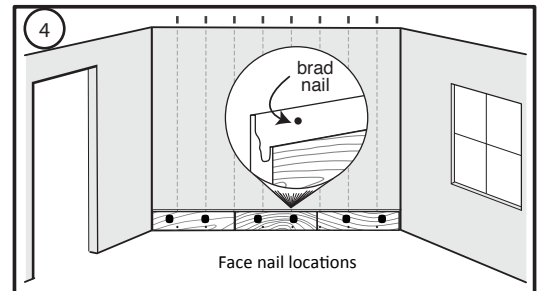
1. Remove baseboards from the accent wall and locate the wall studs using the stud finder tool. Mark vertical lines over all studs. (Figure 1)
2. Turn off power while working around wall outlets and light switches.
3. Snap chalk lines on the wall along the length of the studs.
4. Snap a horizontal chalk line on the bottom of the wall to maintain a level installation (for uneven subfloors).
5. Measure the distance from floor to ceiling and the length of the wall to determine the spacing of the first and last row of a horizontal installation.
6. Open at least three cartons of laminate to work from.
7. Lay out laminate planks on the floor to arrange and see the desired plank visuals and pattern.
8. Determine if the installation of laminate planks needs to be balanced between the floor and ceiling. This may require lengthwise cutting of the first and last rows of planks.
9. Maintain a 3/8" expansion space around the perimeter of the wall. (Figure 2) Connect the brad nailer to the air compressor and turn on the air compressor.
10. Use 1 1/2" to 2" long brads.
11. Place a premium urethane construction adhesive in the caulk gun and cut open the tip of the adhesive tube to achieve a 1/4" wide bead of adhesive. We recommend you apply the adhesive to the back of individual laminate planks in a serpentine pattern, which is the shape of an "S." Use a spacing of 3 to 4 inches between serpentine elements. (Figure 3)
12. **Standard Locking System:** Starting from right to left, place the first plank on the wall at the bottom right corner of the wall. Ensure that the groove side of the plank is facing up and the planks line up level with the horizontal chalk line.  
**Plastic Clip Locking System:** Starting from left to right, place the first plank on the wall at the bottom left corner of the wall. Ensure that the groove side of the plank is facing up and the planks line up level with the horizontal chalk line.



# Wall Mounting Instructions

## How to install your planks horizontally on a wall:

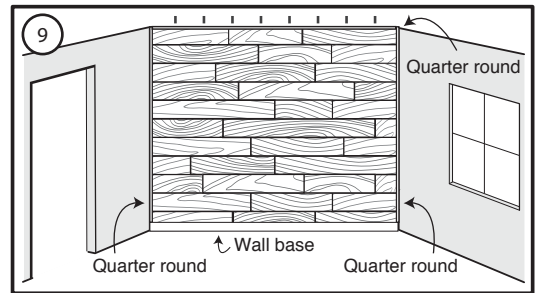
13. On the bottom row of planks only, face nail the planks (at the stud locations) in an area where wall base trim will cover the plank. Also on the bottom row and all subsequent rows thereafter, blind nail in the grooves of each plank every 16". Caution: Ensure that the hard backing of each plank is adhered directly to the wall. (Figure 4). Do not face nail any planks which are not on the bottom row.
14. Complete the first row by repeating the glue, lock, brad nail process.
15. After completing first row, use a cut plank from first row (if longer than 8") to start the second row.
16. Start the second row from the right side if using the **Standard Locking System** (or from the left side if using the **Plastic Clip Locking System**). Cut and glue with urethane construction adhesive the first plank. Fit plank by angling tongue into groove and wiggle into place. Use tapping block as needed. Blind nail a brad nail into each plank every 16" through the shallow area of the extended groove at each wall stud (Figures 4 & 5). Do not face nail second row or subsequent rows.
17. Using this angle and fold method (with accompanying blind nailing) continue installing planks on the wall. To achieve a random appearance, keep end joints of adjacent rows at least 8" apart throughout the installation. Beginning on the second row and continuing through subsequent rows, you may find it beneficial to use a tapping block on the long side of each plank to help the plank lock into the previous row. (Figure 8)
18. For the last row of the installation, use painters tape to mark the stud location for brad nailing. (Figure 8a)



# Wall Mounting Instructions

## How to install your planks horizontally on a wall:

19. If necessary, the last row of planks may need to be ripped with a table saw.
20. Remember to maintain a 3/8" expansion space between the wall and the floor, the wall and the ceiling, and both adjacent walls.
21. Use quarter round for inside corners and ceiling. Finish with wall base of your choice. (Figure 9)



## How to adjust for a diagonal installation:

A diagonal installation of laminate on walls is very similar to a horizontal installation, except that the entire installation is done at a 45-degree angle from the floor. Simply snap your initial chalk line at this 45-degree angle and proceed. For a diagonal installation of 45 degrees, the planks that meet the perimeter of the installation will need to be cut on a 45-degree angle.

## How to install your planks on a diagonal:

1. Install a thin sheet of plywood over existing drywall.
2. Use your tape measure to measure the width of your wall to come up with a balanced layout. You may have to cut the width of the first and last rows to maintain a balanced layout.
3. Then measure the width of your starting plank; add a 1/4" to maintain your expansion space. Place a pencil mark onto the wall at the top and bottom of the starting wall.
4. Snap a chalk line along the starting wall.
5. Open at least 3 cartons of laminate to work with initially.
6. Lay out your planks on the floor to arrange and see the plank visuals and pattern.
7. Connect the brad nailer to the air compressor and turn on the air compressor.
8. Use 1-1/2" to 2" long brads.
9. Use a premium urethane construction adhesive in the caulk gun. Cut open the tip of the adhesive tube to achieve a 1/4" wide bead.
10. In a serpentine pattern, apply the adhesive to the back of the initial plank of the first row (for a horizontal install the first row is the bottom row).
11. Place plank on the wall such that the side groove of the plank is facing right.
12. Face nail the plank in an area where trim will cover the nails holes in the plank.
13. Also nail the plank through the groove at several locations. Caution: Ensure that the hard backing of each plank is adhered directly to the wall.
14. Apply adhesive (in serpentine manner) to the second plank and place the plank on the wall such that the end of the plank can be folded to lock into the groove end of the first plank installed.
15. Then brad nail the second plank in the same manner as initial plank.
16. Repeat glue, lock, brad nail process to complete first row.
17. After completing first row, use a cut plank from first row (if longer than 8") for start of second row.
18. Angle the initial plank of the second row into the adjacent plank(s) of the first row and fold the plank into place.

# Wall Mounting Instructions

19. Do not face nail second row or subsequent rows. Instead, only blind nail into the side groove (after applying adhesive to the back of the plank).
20. Using this angle and fold method (with accompanying blind nailing) continue installing planks on the wall. To achieve a random appearance, keep end joints of adjacent rows at least 6" apart throughout the installation.
21. The last row of planks may need to be ripped with a table saw.
22. Remember to maintain a 3/8" expansion space.

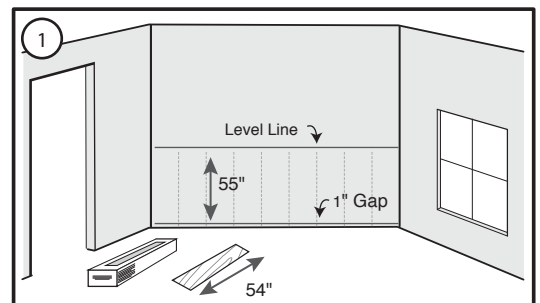
## After you have completed your installation:

*Care and cleaning:* Please use a dry wipe as your primary cleaning method. You can damp wipe with water only, but never use wet washing. If needed, you can use a cleaning solutions of one cup of vinegar per gallon of water OR 1/3 cup non-sudsing ammonia per gallon of water. Please NEVER use detergents, abrasive cleaners, soaps, waxes or polishes. When spills occur, please wipe them immediately. DO NOT allow moisture to remain on the product surface for longer than 30 minutes.

*Hanging pictures and such:* For hanging pictures and other objects on a laminate wall, you should drill clearance holes through the laminate and mount these objects directly to wall studs with screws or nails. Drill the clearance holes through the laminate at least 1/4" larger than the diameter of the fastener that will be used. You should NEVER attach things such as pictures, television mounts, or shelving units directly to the laminate wall. You should NEVER apply adhesive backed hooks or install screws or nails into the laminate wall for hanging objects.

## How to adjust for a wainscoting installation:

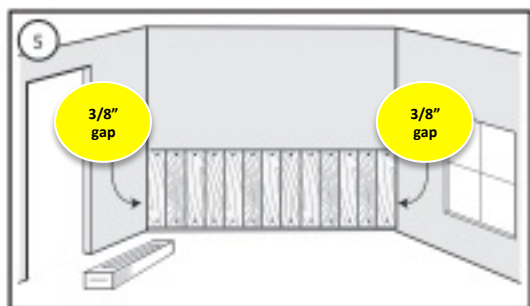
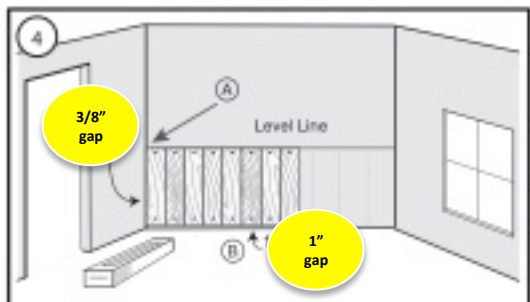
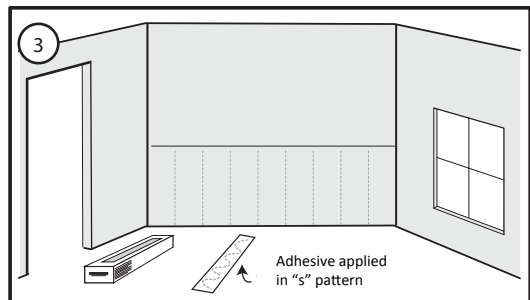
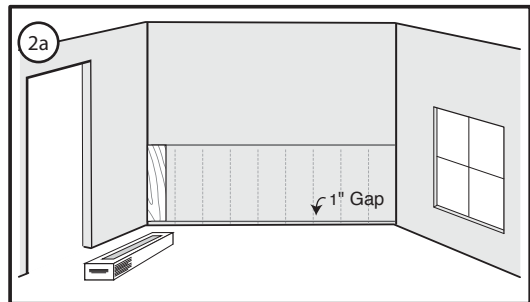
1. Measure the length and width of the installed area to determine the total square footage area. Order that amount of flooring plus an additional 10% for incorrect cuts.
2. Remove all base and trim from accent wall. Measure from the floor a distance equal to your laminate plank plus one inch then level and mark the wall with a chalk line. With an electronic stud finder locate and mark wall studs also. (Figure 1)
3. Turn off power while working around wall outlets and light switches. Pay special attention to avoid contact with electrical wiring.
4. Inspect each plank for damage before installing. Do not install damaged planks.
5. Measure the width of your wall to begin coming up with your ideal layout. You may have to cut the width of the first and last rows to maintain a balanced design.
6. Measure the width of your first plank, then add a 1/4" to maintain the required expansion space. Use a pencil mark on the wall at the top and bottom of the wall.
7. Wainscoting is usually 36" in height. Use a chalk line both vertically and horizontally to ensure that the planks are cut the same length and your installation is straight.





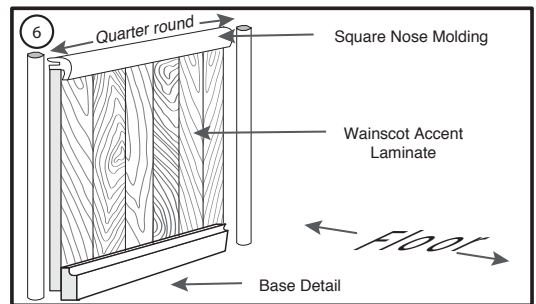
## Wall Mounting Instructions

8. Place one plank against the wall and align at the top to test fit. Start from the left side with the tongue side toward the wall (Figure 2a).
9. Apply construction adhesive to the back of your starting plank in a serpentine pattern (Figure 3). Working from left to right, place onto the wall. Be sure that the tongue faces the left adjacent wall
10. Adhere the plank to the wall leaving a  $\frac{3}{8}$ " gap (A) from the corners of the wall and a 1" gap (B) at bottom. Drive brad nails  $\frac{1}{2}$ " from the top and bottom of each plank to secure to wall. Place nails where the trim will cover. (Figure 4)
11. Continue with the installation for each subsequent plank by first applying adhesive to the back side of the plank in an "S" pattern. Then angle the groove over the tongue of the previous plank and wiggle into place. Tighten joints as needed with a tapping block or pull bar. Finally, drive brad nails  $\frac{1}{2}$ " from the top and bottom of each plank to secure to wall. Place nails where the trim will cover.
12. Finish wainscot accent to ending wall. (Figure 5)



## Wall Mounting Instructions

13. After the installation of all your planks is completed, you should add your trim pieces. (Figure 6)
14. Your base molding should go on first. Then add your chair rail trim to the top of your planks. Place the inside and outside trim pieces onto the wall.



### How to install around light switches or power outlets:

We recommend a jig saw or coping saw can be used to cut laminate planks. This will allow proper fit of the outlets or switches. Begin by removing the outlet covers so you can cut the planks to fit around them. Then, reinstall the faceplate, which may require a spacer between the outlet and the mounting box or a plastic washer beneath the cover and a longer screw to hold the faceplate to the outlet. You could also use spark rings or box extenders in some situations.

### How to complete your installation:

When installation is done, clean any excess adhesive that may be on the surface using mineral spirits or acetone. Then clean the surface with commercially available laminate cleaner. Fill any holes with the appropriate blended filler. We recommend that you control humidity levels in the room within the 35-55% range because your wall can be affected by varying humidity levels in your house.

### Distributed by:

Swiss Krono LLC 810 Technology Drive Barnwell, SC 29812  
(800) 777-5145 [www.SwissKronoUSA.com](http://www.SwissKronoUSA.com)