



# 2G Loc Luxury Vinyl Plank (LVP) Installation Instructions

**PLEASE READ THE ENTIRE INSTALLATION INSTRUCTIONS BEFORE PROCEEDING WITH THE ACTUAL INSTALLATION**

## GENERAL INFORMATION

These installation specifications are for **Loc Luxury Vinyl Plank**. All recommendations are based on the most recent available information.

The information on this sheet provides general guidelines. All instructions and recommendations must be strictly followed for a satisfactory installation.

- The floor covering should be stored and installed in climate constant or climate controlled indoor location with an average temperature of between 65°-85°F or 18°-29°C.
- Install Loc Luxury Vinyl Plank only after the jobsite has been cleaned and cleared of everything that may hinder a fluent installation or may damage the planks.
- To minimize shade variation, mix and install planks from several cartons.
- Note that colour uniformity of the planks can only be guaranteed for deliveries of the same production lot.
- No complaints can, in any case, be accepted for flooring that has been cut to size or installed.
- All necessary subfloor patching must be done with a non-shrinking, water-resistant filler. Follow strictly the instructions from DIN 18365 and DIN 18202.
- Give Loc Luxury Vinyl Plank a minimum 24 hours to acclimate in the room where the installation will take place. Do not open the package but spread them out and protect package corners from damage.
- As a rule: install all planks parallel to the main source of light in the room. Only in small and long and small rooms Loc Luxury Vinyl Plank must be installed in longitudinal direction.

## SUB FLOOR INFORMATION

Although Loc Luxury Vinyl Plank can be installed either floating or glued down, the correct preparation of the subfloor is still a major part of a successful installation.

Roughness or unevenness of the subfloor may telegraph through the new floor covering, resulting in an unsightly surface and excessive wear on high spots.

### ALL SUB FLOORS MUST BE:

- **CLEAN** - Scraped or sanded, swept, free of wax, grease, paint, oil, previous or existing glues or adhesives, and other debris
- **SMOOTH/FLAT** - Within 1/8" on 6' radius. Sand high areas or joints, fill low areas (no more than 1/8") with a cement type filler no less than 3000 p.s.i. Any irregularities may cause hollow spots between the flooring and sub floor in any installation method and are not warranted.
- **STRUCTURALLY SOUND** - Nail or screw any loose areas that squeak. Replace any delaminated or damaged sub flooring or underlayment.

### WOOD SUBFLOORS:

- Do not install Loc Luxury Vinyl Plank over wood subfloors which lay directly on concrete or over sleeper construction.
- All wood and wood composition panels are suitable for the use under Loc Luxury Vinyl Plank providing that they are

smooth, flat, structurally sound and free of deflection. The panels include plywood, particle board, oriented strand board (OSB), flake board and wafer board.

- If the surface of the wood subfloor is not smooth, a ¼" or 6mm underlayment panel must be installed over the subfloor.

### CONCRETE SUBFLOORS:

- The concrete subfloor must be dry, smooth and free from dust, solvent, paint, wax, grease, oil, and any other extraneous materials. The surface must be hard and dense, and free from powder or flaking.
- New concrete slabs must be thoroughly dry (at least six weeks) and completely cured. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer. Although Loc Luxury Vinyl Plank is not susceptible to damage from moisture, excessive subfloor moisture is an ideal breeding ground for mouldiness, mildew and fungus. The limited warranty does not cover discolouration from mould or from any kind of water damage caused by flooding, leaking or similar conditions. If needed, ask for Loc Luxury Vinyl Plank warranty conditions at your dealer.
- Holes, grooves, expansion joints and other depressions must be filled with a latex underlayment, and troweled smooth and feathered even with the surrounding surface.
- Concrete floors with a radiant heating system are allowed, provided that the temperature of the floor does never exceed 89°F or 32°C. Before installing the flooring, the heating system must be turned on to eliminate residual moisture.

### EXISTING FLOOR COVERINGS:

- **Loc Luxury Vinyl Plank** can be installed over most existing hard-surface floor coverings, provided that the existing floor surface is smooth or can be made smooth.
- Ceramic tiles should be made smooth by applying a cementitious overlay such as patching or levelling compound.
- When the removal of the existing resilient floor covering is not an option then it must be covered with a leveller or equivalent in order to adjust it. Existing sheet vinyl floors should not be heavily cushioned and must consist of only one layer.

**CAUTION:** Some types of nails, such as common steel nails, may cause a discoloration of the vinyl floor covering. The method of gluing and screwing the underlayment panels is not recommended. Solvent based construction adhesives are known to stain vinyl floor coverings. All responsibility for discoloration problems caused by the use of the above mentioned products is not the responsibility of the producer but rests with the installer.

## FLOATING FLOOR INSTALLATION

### REQUIRED TOOLS AND ACCESSORIES

- \* Tape Measure
- \* Moisture Meter (wood / concrete)
- \* Circular or Hand Saw
- \* Pull Bar
- \* Tapping Block
- \* Safety Equipment (Goggles & Mask)
- \* Utility Knife
- \* 5/16" Spacers



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- \* Broom

**Loc Luxury Vinyl Plank** is designed to be installed with the floating method and can be installed below grade, on grade or above grade. However the following instructions must be followed:

**Important:** The flooring should be installed from several cartons at the same time to insure proper color and shade mix.

- Undercut all doorjambes if necessary. Use a piece of flooring as a guide as to how much to saw. Put the floor panel faced down as a guide, saw off the bottom of the door frame to allow the floor panel to slide under it.
- Before you start with the installation, it is important to determine the layout of the flooring. Proper planning and layout will prevent having narrow plank widths at wall junctures or very short length pieces at the end of rows.
- Before starting, first measure the width of the room, and then divide the room's width by the width of the plank. If this means that the last row of planks will be narrower than 2", then you will need to cut the first row of planks to make it narrower. Cut in such a way that both rows of planks (the first and last to be installed in the room) will have the same approximate width for an overall continuous look.
- Even if the first row of planks does not need to be trimmed in width, it will be necessary to cut off the unsupported tongue so that a clean, solid edge shows towards the wall.
- Installation of the product must start from the left side to the right of the room. Begin the installation of the planks in the left hand corner of the room with the long direction parallel to the incoming sunlight source or to the longest wall of the room. Be sure to install the first row of boards with the tongue side facing the wall.
- Install the second plank in the row by angling the end tongue into the end groove of the first plank. Be careful not to bend the corner of the plank.
- Use 5/16" (5mm) expansion spacers to provide a gap for the seasonal expansion of the flooring along the walls of the entire room. Always place expansion spacers against the wall where the two boards meet. This will make maintaining a good square easier.

**Note:** Larger rooms require additional expansion space. Add 1/16" to the width of the spacers for every 3' the room extends beyond 25'. Dimensions exceeding 40' **require** the use of a t-molding for expansion

- Start the second row with cutting a plank to the wished length. Keep in mind that the plank must not be shorter than 6" (150mm) to receive the best looking appearance.
- Install the first plank in the second row by inserting the long side tongue into the groove of the plank in the first row. This is best done with a low angle of the plank.
- Install the second plank in the second row by inserting the short end tongue into the previously installed plank groove. Align the plank so that the long side tongue tip is positioned just over the groove lip of the plank in the first row. Working from the end seam, at a low angle, insert the long tongue into the groove of the adjoining plank. Very little force is required to seat the tongue into the groove. You should feel the tongue lock into the groove.
- Work across the length of the room installing planks along the wall in the first row and then aligning the planks in the second row. It is critical to keep these two rows straight and square, as they are the "foundation" for the rest of the installation. Check squareness and straightness often.

- Cut the last plank in the first row and leave an expansion gap of around 5/16" (5mm).
- The leftover of this plank may be used to start the third row if it is minimum 6" (150mm) long.
- Continue installing planks and make sure to achieve a random appearance with end pieces of minimum 6" (150mm). Check that all planks are fully engaged; if a slight gapping is noted, the gap can be tapped together by using a tapping block and a scrap of flooring to cover the tapping block in order to avoid damages on the planks.
- Most often the entire length of the last row will need to be cut so that it is narrow enough to fit the remaining space. When this occurs, follow this simple procedure:
  1. Lay a row of boards with the tongue toward the wall, directly on top of the last row installed.
  2. Take a full width scrap piece of the product that is being installed with the face down and the tongue side against the wall. Use 5/16" (8mm) spacers against the wall to ensure the proper expansion space.
  3. Draw a line along the row moving down the wall. The line gives the proper width for the last row which, when cut, can then be wedged into place using the pull bar.
- All doorways 48" to 60" must have a T molding installed
- When fitting under door casings, etc., the flexibility and convenient connection of Loc Luxury Vinyl Plank becomes evident. If necessary, a flat pull bar may be used to assist in locking the planks.
- When fitting around pipes, obstacles or into irregular spaces, Loc Luxury Vinyl Plank can be cut easily and cleanly using a utility knife with a sharp blade. It is often beneficial to make a cardboard template of the area and transfer this pattern to the plank. There should be a 5/16" (5mm) expansion gap.
- Make sure when the installation is complete that the expansion spacers are removed and the expansion space is covered with the appropriate molding and/ or transition strips. Do not nail moldings into the the Loc Luxury Vinyl Plank planks but nail into the wall.

## GLUE DOWN INSTALLATION

### REQUIRED TOOLS AND ACCESSORIES

- \* 1/16" x 1/16" x 1/16" square notch trowel Follow adhesive manufacturers' guidelines.
- \* Water based acrylic glue designed for gluing PVC, LVT and other vinyl flooring.
- \* Concrete Sealer
- \* Moisture Meter (wood & concrete)
- \* Mallet (light colored)
- \* 100 or 150 Lb. Roller
- \* Utility Knife
- \* Pry Bar
- \* Tape Measure
- \* Safety Equipment (Goggles & Mask)
- \* Broom

**Loc Luxury Vinyl Plank** is designed to be installed with the floating method but can also be directly glued to the subfloor. All Loc products when installed using the glue down method, can be installed below grade, on grade or above grade. However the following instructions must be followed:



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**APPROVED SUB FLOOR:** The flooring can be glued directly to a concrete subfloor. Apply a liquid based moisture vapor barrier coating to the subfloor. On concrete subfloors use only a concrete moisture sealer system that is specifically designed for moisture subpression and adhesive bonding properties. The subfloor must be permanetly dry and protected against moisture.

**Important:** The flooring should be installed from several cartons at the same time to insure proper color and shade mix.

- Undercut all doorjambes if necessary. Use a piece of flooring as a guide as to how much to saw. Put the floor panel face down as a guide, saw off the bottom of the door frame to allow the floor panel to slide under it.
- As with all plank products, install the planks parallel to the longest wall.
- Before you start with the installation, it is important to determine the layout of the flooring. Proper planning and layout will prevent having narrow plank widths at wall junctures or very short length pieces at the end of rows.
- Determine if the starter row will need to be cut. Measure the width of the room, and then divide the room's width by the width of the plank. If this means that the last row of planks will be narrower than 2", then you will need to cut the first row of planks to make it narrower. Cut in such a way that both rows of planks (the first and last to be installed in the room) will have the same approximate width for an overall continuous appearance.

**Note:** Planks may be cut with a utility knife using the "score and snap" technique.

- Even if the first row of planks does not need to be trimmed in width, it will be necessary to cut off the unsupported tongue so that a clean, solid edge shows towards the wall.
- If the first row of floor panels had already been trimmed in width to meet minimum requirement, there is no need to trim it again.
- Use 5/16" (5mm) expansion spacers to provide a gap for the seasonal expansion of the flooring along the walls of the entire room. Always place expansion spacers against the wall where the two boards meet. This will make maintaining a good square easier.

**Note:** Larger rooms require additional expansion space. Add 1/16" to the width of the spacers for every 3' the room extends beyond 25'. Dimensions exceeding 40' **require** the use of a t-molding for expansion.

- A water based acrylic glue designed for gluing PVC, LVT and other vinyl flooring is required.
- Hold the trowel at a 45°-60° angle and spread adhesive onto an area no larger than 30-40 square feet at one time and at a spread rate of 40-60 square feet per gallon, or as per the adhesive manufacturers recommendations.
- Spread enough adhesive to allow flash off before installing the flooring. Maximum available working time will vary by manufacturer. (Colder temperatures or high humidity will extend times and warmer temperatures or low humidity will shorten times.
- Do not install the flooring after adhesive dries. Test by touching adhesive. If not readily transferred to finger, adhesive is already dried. If adhesive has dried, remove adhesive and apply new material. Periodically check flooring to confirm 100% adhesive transfer. It is required that within one hour of setting the Loc flooring, you must roll the installation with a 100-150 lb. roller to promote good contact with the adhesive.

- Always refer to the specific instructions on the LVT flooring adhesive label.
- After the adhesive has been spread, begin installing the first row by laying a plank flat over the adhesive. Install the piece of flooring with the groove towards you and the tongue facing the opposite wall. Line up the groove of the flooring with the chalk line then press the flooring into the adhesive. Begin installing the first row by laying a plank flat over the adhesive.
- Install the first plank in the second row by inserting the long side tongue into the groove of the plank in the first row. This is best done with a low angle of the plank.
- Install the second plank in the second row by inserting the short end tongue into the previously installed plank groove. Align the plank so that the long side tongue tip is positioned just over the groove lip of the plank in the first row. Working from the end seam, at a low angle, insert the long tongue into the groove of the adjoining plank. Very little force is required to seat the tongue into the groove. You should feel the tongue lock into the groove.
- Work across the length of the room installing planks along the wall in the first row and then aligning the planks in the second row. It is critical to keep these two rows straight and square, as they are the "foundation" for the rest of the installation. Check squareness and straightness often.
- Cut the last plank in the first row and leave an expansion gap of around 5/16" (5mm).
- The leftover of this plank may be used to start the third row if it is minimum 6" (150mm) long.
- Continue installing planks and make sure to achieve a random appearance with end pieces of minimum 6" (150mm). Check that all planks are fully engaged; if a slight gapping is noted, the gap can be tapped together by using a tapping block and a scrap of flooring to cover the tapping block in order to avoid damages on the planks.
- With the tongue side facing the wall align the end of the second plank with the first and lock the end joints together by pushing it straight down on top of the first plank.
- Working from left to right, lay the next board and continue working towards the right until you need to cut a piece to complete the first row. Measure the size you need to lock the ends of the planks together until the first row is finished.
- Cut the last board in the row to the necessary length. If leftover plank is 6" or longer use it to begin the next row. If not suitable, take a new floor panel and cut it in half.
- After completing the first row roll the installation with a 100-150 lb. roller to promote good contact with the adhesive.
- If the starting wall is out of square, it will be necessary to scribe the first row to match the wall, allowing the opposite side if the row to present a true square base for the rest of the floor. When the first row is complete, you must have a straight, even base established.
- Always stagger 6" between end joints of adjacent plank rows. The end joints should not repeat visually across the installed floor and avoid "H" patterns.
- After installing the first row of planks, line up the first plank of the second row so the outside end is even with the outside end of the first plank of the first row.
- Lock the long side of the second row plank onto the plank on the first row by inserting the tongue of the second plank into the groove on the first plank while holding the plank at a low degree angle from the floor. Press the



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second plank done flat and the tongue will lock firmly into place. You may need to lift the floor panel to the left of it slightly to allow for the 'sliding action'.

- After locking in place lay the remaining planks in the row by first locking the long side in place and then tapping the end of the plank to slide firmly into place at its end.
- The planks cannot be forced together. If they are not lying flat then they will not align properly during locking. If this occurs begin again insuring the edges of both planks meet evenly while applying equal pressure while rotating the plank.
- Remove and lift a plank periodically to make sure that there is 100% contact between the board and the hardwood flooring adhesive. After completing the second row roll the installation with a 100-150 lb. roller to promote good contact with the adhesive.
- Once the third row has been installed check for a tight fit on sides and ends and that the spacers are in place.
- To install the rest of the flooring, continue spreading the adhesive and placing the boards from left to right, plank by plank, and row by row.
- Repeat the steps until all rows have been installed
- Clean adhesive from the surface frequently using an adhesive cleaner. Adhesive is difficult to remove when cured. Use clean towels to prevent haze and adhesive residue.
- Make sure when the installation is complete that the expansion spacers are removed.
- Most often the entire length of the last row will need to be cut so that it is narrow enough to fit the remaining space.

When this occurs, follow this simple procedure:

1. Lay a row of boards with the tongue toward the wall, directly on top of the last row installed.
2. Take a full width scrap piece of the product that is being installed with the face down and the tongue side against the wall. Use 5/16" ( 8mm) to 3/8" spacers against the wall to ensure the proper expansion space.
3. Draw a line along the row moving down the wall. The line gives the proper width for the last row which, when cut, can then be wedged into place using the pull bar.

- Remove and lift a plank periodically to make sure that there is 100% contact between the board and the vinyl flooring adhesive.
- Re-roll the entire installation with a 100-150 lb. roller to promote good contact with the adhesive.
- Vacuum the floor thoroughly using the soft brush attachment or dust mop to remove any dirt and debris.
- Use a quality cleaner to finish the floor.
- If the floor is to be covered do not use plastic use a breathable material such as cardboard or kraft paper.
- Damp mopping, cleaning, furniture or heavy objects can be put back into place 48 hours after installation.
- All doorways 48" to 60" must have a T molding installed
- When fitting under door casings, etc., the flexibility and convenient connection of Loc Luxury Vinyl Plank becomes evident. If necessary, a flat pull bar may be used to assist in Loc Luxury Vinyl Planking the planks.
- When fitting around obstacles or into irregular spaces, Loc Luxury Vinyl Plank can be cut easily and cleanly using a utility knife with a sharp blade. It is often beneficial to make a cardboard template of the area and transfer this pattern to the plank.
- Make sure when the installation is complete that the

expansion spacers are removed and the expansion space is covered with the appropriate molding and/ or transition strips. Do not nail moldings into the the Loc Luxury Vinyl Plank planks but nail into the wall.

### REPAIR GUIDE

**Loc Luxury Vinyl Plank** is tough and durable; however, if a plank becomes damaged, it can be replaced. If the damaged plank is along the perimeter of the room, the easiest technique is to disconnect the planks until the damaged plank is removed. Replace the plank and reassemble the planks. If it is impractical to disconnect and reassemble the flooring, the following procedure should be followed:

- Using a straight edge and a sharp utility knife, cut out and remove the centre of the damaged plank, leaving approximately a 10" or 250mm strip attached to the surrounding planks on all sides.
- Carefully cut back from the corners of the plank to the inside edge.
- Remove the plank edges by wiggling the cut plank out from the tongue and groove of the surrounding planks.
- Prepare the replacement plank by placing the plank face down and folding back and removing the groove strip on both the long and end profile. Using the decorative surface of the tongue end as a guide cut away this overhanging profile using a sharp utility knife.
- Place some double sided carpet tape onto the subfloor covering sufficient area of the removed plank.
- Position the replacement plank by engaging the tongue of the long side into the groove of the adjoining plank. "Hinge" the prepared replacement plank into position.
- Use a hand roller to assist in aligning the plank edges into position

### CARE GUIDE

- Use doormats outside each entrance to your home to prevent dirt, sand, grit and other substances from being tracked onto your floor. Use non-staining mats on your floor. Do not put rubber-backed, latex-backed or coco fiber mats on your floor because they will stain or damage the surface
- Protect the finished Loc Luxury Vinyl Plank installation from exposure to direct sunlight. Close your curtains or blinds where extreme sunlight hits the floor. A combination of heat and sunlight causes most fading or discolorations.
- Support furniture with wide-bearing, non-staining floor protectors. Ideally, the protectors should be at least one inch in diameter, made of non-pigmented hard plastic, and rest flat on the floor. Non-staining felt protectors are also acceptable. Casters (type W), felt pads or floor protectors are recommended for all moveable furniture. Use protection mats under chairs with caster in order to avoid abrasion of the vinyl flooring. Make sure that any metal protectors are rust-proof.
- If you need to move heavy furniture and/or appliances across the floor, always use strips of wood, plywood, or hardboard runways to protect the floor. Always use runways even if you have an appliance dolly, or even if the heavy objects are equipped with wheels or rollers.
- Sweep your flooring regularly with a damp cloth and only with water at least once a week.
- Prevent stains by wiping up spills promptly.



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- Occasional mopping with Rinse-Free Cleaner is recommended when dirt builds up and sweeping alone is not sufficient. Follow strictly the guidelines given on the bottle. Do not use soap or detergent products as they will leave a dulling film. Do not use steel wool or scouring powder as they will scratch the floor.

<b>Crayon, Ink, Hair Dye, Permanent Marke</b>	Clean using Heavy Duty Cleaner and Stripper and a soft nylon pad or soft bristle brush. Wipe with a clean, white cloth dampened with lighter fluid, painter's naphtha or isopropyl alcohol.
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## STAIN GUIDE

### Stain Sover Tips:

- The overall stain resistance of our floors is excellent and most spills will wipe off quickly and easily with a clean, white cloth.
- Removing certain substances may take a little extra effort, as outlined in the chart below.
- Start with first step listed. Only do steps necessary to resolve the problem
- Always use a clean, white cloth for wiping up stains and turn it frequently to avoid spreading the stain. Rinse with clean water and allow area to dry between steps
- If stain removal causes a change in gloss level, apply polish to restore the shine. Do not use wax, do not buff. Allow polish to dry " tack-free" between coats

<b>Food, Beverages</b>	If a substance is gummy, scrape off with dull knife. Clean using Heavy Duty Cleaner and Stripper and a soft nylon pad or soft bristle brush. Saturate a clean, white cloth with bleach solution, cover stain and allow standing for no more than 1 hour.
<b>Tar, Oil, Asphalt, Grease, Wax, Paint (oil-based) Scuffs, Marks, Scratches</b>	Scrape excess substance off with dull knife. Clean using Heavy Duty Cleaner and Stripper and a soft nylon pad or soft bristle brush. Wipe with a clean, white cloth dampened with lighter fluid, painter's naphtha or isopropyl alcohol.
<b>Minor Cuts, Burns</b>	Limit traffic over damaged area, cover with masking tape, contact your seller for advice.
<b>Lipstick, Antiseptics</b>	Scrape excess off with a dull knife. Clean using Heavy Duty Cleaner and Stripper and a soft nylon pad or soft bristle brush. Wipe with a clean, white cloth dampened with lighter fluid, painter's naphtha or isopropyl alcohol. Saturate a clean, white cloth with bleach solution, cover stain and allow standing for no more than 1 hour.
<b>Rust</b>	Clean using Heavy Duty Cleaner and Stripper and a soft nylon pad or soft bristle brush. Saturate a clean, white cloth with bleach solution, cover stain and allow standing for no more than 1 hour.