

GENERAL INFORMATION

General installation methods are designed to simplify the installation process by allowing the best method to be utilized for each jobsite depending on conditions and use. In the residential and commercial application these options are loose laid, releasable bond, and permanent bond. See page 4 for recommended use chart.

These instructions cover all installation methods of Mannington Residential and Commercial **Insight® Plus GB**. All recommendations are based on the most recent available information. The information on these sheets provides general guidelines. For complete details consult Mannington's General Installation Guide or visit our website at manningtoncommercial.com. These instructions and recommendations must be followed for a satisfactory installation.

The installation of Mannington **Insight® Plus GB** is straight forward and similar to the installation procedures that apply to all quality resilient fiberglass backed sheet floors. Good preparation is essential for a trouble-free installation. Do not install Mannington resilient flooring until jobsite testing and subfloor preparations are finished and the work of all other trades is complete. Site conditions must comply with the relevant building codes and local, state and national regulations. Documentation of Moisture and pH test results is required when processing claims.

- Mannington **Insight® Plus GB** is recommended for use over properly prepared concrete, suspended wood, metal and other suitable substrates. Never install Mannington **Insight® Plus GB** over residual asphalt type (Cutback) adhesive as "Bleed Through" may occur.
- Mannington **Insight® Plus GB** can be used with radiant heating systems (maximum subfloor surface temperature of 85° F).
- Mannington **Insight® Plus GB** is not suitable for external installation or unheated locations.
- Mannington resilient flooring, adhesive, jobsite and subfloor must be acclimated to a stable condition before installation.
- Following installation, Mannington **Insight® Plus GB** should be protected from traffic for 24 hours, point loads and rolling traffic for 48 hours when the pressure sensitive and permanent bond methods are used.
- Mannington **Insight® Plus GB** flooring should remain at a temperature between 55°-85° F (13°-27° C) during its service life.
- Always follow other manufacturers' written recommendations when using their proprietary materials for subfloor preparation.

MATERIAL RECEIVING, HANDLING & STORAGE

1. Always store **Insight® Plus GB** tightly rolled, face out on a sturdy cardboard core designed for that purpose. Store the roll horizontally and support it across the entire width. Notice the **Insight® Plus GB** printed pattern backing provides important information such as product name and run date. Before starting the job, always check the flooring materials to ensure they are the correct pattern, style, and color. Also make sure the size and amount of the products are sufficient to complete the installation. Inspect the material closely before installation for any visible defects. Mannington Flooring products are manufactured to high quality standards and are carefully inspected before leaving our facility. Occasionally, however, defects are not detected. If you notice a visible defect in the flooring product, stop the installation and contact your local Mannington Distributor for assistance.
2. Report discrepancies immediately to Mannington Customer Service at 1-800-356-6787 (residential) 1-800-241-2262 EXT 2 (commercial) Claims for installation of products installed with visual defects or incorrect style will not be honored.
3. Store all materials in a weather-tight enclosure between 55°-90° F (13°-32° C).
4. Acclimate flooring, adhesive and jobsite to a stable condition between 65°-85° F (18°-29° C) and 50% +/- 10% RH for 48 hours before, during and after installation. Acclimate all materials onsite. Temporary heating and cooling should be used if permanent HVAC is not operational.

JOBSITE TESTING

1. Before jobsite testing, the house/building envelope must be sealed (walls, roofing, windows, doorways etc., installed).
2. Anticipated environmental conditions must be maintained at 75°F +/- 10°F (24°C +/- 6°C) and 50% +/- 10% RH a minimum of 48 hours before and during testing (ASTM F 710).
3. Test sites must be properly prepared and protected for the duration of testing to achieve valid results.
4. Surface Flatness for all Subfloors: The surface shall be flat to 1/8" in 10 ft (3 mm in 3 m). To check flatness, place a 10 ft straight edge on the surface and measure the gap or use another suitable method.
5. Concrete Subfloors:
 - a. Concrete subfloors must be finished and cured without additives, curing compounds, hardeners or surface treatments that may prevent proper bonding of the flooring materials (ACI 302.1 and ASTM F710).

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- b. Randomly check concrete subfloor for porosity using the drop water test. Place a 1 inch diameter drop of water directly onto the concrete subfloor. If the water droplet does not dissipate within 60 to 90 seconds the subfloor is considered non-porous. If the substrate is too porous apply Mannington Premium Universal Primer to render the surface suitable for adhesive and floor covering.
 - c. Concrete subfloors must have a minimum compressive strength of 3000 psi.
 - d. Concrete subfloors shall not consist of lightweight concrete or gypsum with less than 105 lbs. /cubic foot density.
 - e. Moisture Testing: Perform either the preferred In-situ Relative Humidity (RH) Test (ASTM F2170) or the acceptable Moisture Vapor Emission Rate (MVER) Test (ASTM F1869). Acceptable moisture limits must not exceed 3lbs per 1000 square feet per 24 hours 1869 or 75% per 2170.
 - f. Alkalinity: Must test surface alkalinity (ASTM F710). A 7.0 to 9.0 pH is acceptable. Reduce higher pH by applying Mannington Premium Universal Primer.
6. Wood Subfloors and underlayment panels shall have the moisture content tested using a suitable wood pin meter. Readings between the wood subfloor and underlayment pan should be within 3% and have a maximum moisture content of 14% or less. Effective moisture control in basements and crawlspaces is essential for achieving a successful long term installation.

MOISTURE SUPPRESSANT SYSTEM

Concrete subfloors that exceed adhesive specifications will require a Moisture Suppressant System. Due to complexities associated with moisture vapor transmission, emissions and movement of soluble salts (alkalinity) in concrete subfloors, we do not offer, recommend or warranty a specific solution for excess moisture in concrete slabs. However, there are many companies that offer solutions with warranties for excess moisture in concrete slabs.

Mannington Commercial suggests that you reference the current ASTM F710, "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring" and contact one or more of the following or other moisture suppressant system suppliers for assistance:

Ardex (724) 203-5000 www.ardex.com
Koester American Corp. (757) 425-1206 www.koesterusa.com
Mapei (800) 426-2734 www.mapei.com
Uzin Ltd. (800) 505-4810 www.ufloorsystems.com

SUBFLOOR PREPARATION

Concrete

Careful subfloor preparation is vital for an excellent floor appearance and good sheet adhesion. The subfloor must be smooth, firm, flat, clean, dry, and free from defects and fit for purpose. A suitable smoothing compound should be used to ensure that no irregularities show through to the surface of the finished floor. In all cases, the subfloor must meet the moisture and pH requirements before installation.

Below and On-grade concrete subfloors must have a suitable vapor retarder properly installed beneath the slab. Crawlspaces and basements directly beneath the new floor installation should be maintained with a relative humidity +/- 10% of the room relative humidity where the flooring is installed. This can be accomplished by proper ventilation and air circulation or using a dehumidifier. Always follow other manufacturers' written recommendations for the use and installation of their proprietary surface preparation materials.

1. Record site conditions, test results and corrective action(s). Mannington Commercial requires written documentation of site conditions, test results and corrective action(s) before processing claims.
2. Subfloor must be clean (free of dirt, sealers, curing, hardening or parting compounds or any substance that may stain or prevent adhesion), smooth, flat, sound, fit for purpose, free of movement, excessive moisture and high alkalinity.
3. Slick surfaces such as power troweled concrete shall be profiled to allow for a mechanical bond between the adhesive and subfloor.
4. Remove existing resilient floor covering, 100% traces of old adhesives, paint or other contaminants by scraping, sanding, grinding, shot blasting or scarifying the substrate. The use of adhesive removers or solvents in the abatement or removal of existing or old adhesives is prohibited and may void any warranty.

WARNING: ASBESTOS & SILICA - Refer to the current Resilient Floor Covering Institute (RFCI) document "Recommended Work Practices for Removal of Existing Resilient Floor Coverings" for guidance.

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5. Perform corrective actions necessary for elevated moisture or high alkalinity conditions.
6. Surface Flatness for all Subfloors: The surface shall be flat to 1/8" in 10 ft (3 mm in 3 m). Bring high spots level by sanding, grinding etc. and fill low spots. Smooth surface to prevent any irregularities or roughness from telegraphing through the new flooring.
7. Leveling and Patching:
 - a. For concrete subfloors, use only high quality Portland cement based materials (minimum 3500 psi compressive strength according to ASTM C109). Mix with water only, do not use latex. Caution: Do not lightly skim coat highly polished or slick power troweled concrete surfaces. A thin film of floor patch will not bond to a slick subfloor and may become a bond breaker causing tiles to release at the interface of the subfloor and patching material.

Wood

- b. Wood subfloors require an underlayment (double layer construction) with a minimum total thickness of 1" (25 mm). Use minimum 1/4" (6 mm) thick APA rated "underlayment grade" plywood with a fully sanded face or other underlayment panel that is appropriate for the intended usage. Install and prepare panels and seams according to the manufacturers' instructions.
 - c. Many times wood panel subfloors are damaged during the construction process or are not underlayment grade. These panels must be covered with an appropriate underlayment. Underlayment panels are intended to be used to provide a smooth surface on which to adhere the finished floor covering. It should be understood that underlayment panels cannot correct structural deficiencies.
 - d. Panels intended to be used as underlayment should be specifically designed for this purpose. These panels should have a minimum thickness of 1/4". Any panels selected as an underlayment must meet the following criteria:
 - Be dimensionally stable
 - Have a smooth, fully sanded face so graining or texture will not telegraph through
 - Be resistant to both static and impact indentation
 - Be free of any surface components that may cause staining such as plastic fillers, marking inks sealers, etc.
 - Be of uniform density, porosity and thickness
 - Have a written warranty for suitability and performance from the panel manufacturer or have a history of proven performance
 - e. Any unevenness at the joints between panels must be sanded to a level surface. Gaps between panels, hammer indentations, and all other surface irregularities must be filled and sanded.
8. Particleboard, chipboard, construction grade plywood, any hardboard and flake-board are not recommended as underlayment for fully adhered installations. All have inadequate uniformity, poor dimensional stability, and variable surface porosity. Mannington Resilient Floors will not accept responsibility for adhered installation over these subfloors. **Insight® Plus GB** loose laid method can be installed over all wood and wood composition panels provided that they are smooth, flat, structurally sound and free of deflection. This includes plywood, particleboard, oriented strand board (OSB), flake-board and wafer board. If the surface of the subfloor is not smooth, a 1/4" underlayment should be installed over the subfloor.

In all cases, the underlayment manufacturer or underlayment installer is responsible for any / all underlayment warranties.

INSTALLATION METHODS

LOOSE LAID- RESIDENTIAL AND LIGHT COMMERCIAL

Application- Good

Up to 30 square yards and only 1 seam

The Loose- Laid is the easiest method. Using this method, **Insight® Plus GB** requires that the flooring be cut (1/8" to 1/4") away from all vertical surfaces such as walls, cabinets, pipes, or any permanent fittings, once trimmed all gaps can be covered with baseboard and or quarter round. Under cut all door casings when possible, on metal door casings cut the flooring back 1/8" and caulk with silicone caulking. With this method the flooring should be allowed to float freely over the subfloor. Loose laid floors can be installed over many substrates that are not suitable for fully adhered products (particle board, flake board, lightweight concrete). One seam is allowed with this method. This non adhered installation method allows the material to be rolled back to correct any substrate problems and is easily removed when required.

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RELEASABLE BOND—RESIDENTIAL AND LIGHT COMMERCIAL

Application- Better

This method is viable for concrete and most wood panel substrates in climate controlled, occupied, existing homes. (Unconditioned wood panel substrates are not dimensionally stable and are subject to too much movement.) Check the porosity of the subfloor and, if necessary, use Mannington’s Premium Universal Primer to prevent over absorption of adhesive. To achieve a Releasable Bond, the MT- 711 is applied over the substrate with a 3/8 nap paint roller and allowed to dry to tack before positioning the **Insight® Plus GB** into the adhesive. The **Insight® Plus GB** is then positioned into the dry “tacky” adhesive, next using a clean, soft-bristle push broom, smooth the material in both directions, starting in the middle of the sheet width and working toward the edges.

Because of the thin, dry adhesive film, this method can be used with many types of substrates including clean, lightly embossed resilient flooring without the use of a leveler and over clean, dry and smooth OSB substrates without extraordinary floor prep. The coverage rate of the MT-711 adhesive will be increased to approximately 300 square feet per gallon when applied with a paint roller.

Regardless of the method **Insight® Plus GB** must always be trimmed back (1/8” to 1/4”) from all fixed vertical surface and must be fit with no compression or fullness. Under cut all door casings and be certain the material is positioned true and square in the work area.

FULLY ADHERED-RESIDENTIAL AND COMMERCIAL

Application- Best

Permanent Bond: This method is the most secure and best if there is heavy foot or rolling traffic or if the layout is complicated. Because the Permanent Bond is achieved by placing the **Insight® Plus GB** into the wet-tacky MT-711 adhesive with a 1/16”x1/32”x1/32” notched trowel, the substrate must be smooth and have sufficient porosity to receive the adhesive. For wood substrates, in most cases this requires the use of an appropriate underlayment. A concrete surface must be smoothed using an appropriate Portland cement patching compound. Installation over existing resilient or ceramic floors requires and embossing leveler. Additionally, the **Insight® Plus** should be rolled in both directions with a 50 lb., (or heavier) three section roller.

Note: Mannington’s V-88 adhesive is an option in areas where a high moisture adhesive is needed. When installing homogenous sheet vinyl with V-88 adhesive it is recommended to trowel the adhesive then back roll with a short-nap paint roller to minimize the possibility of trowel ridge telegraphing. V-88 can only be used in permanent, full spread installation method.

When used in a Commercial application all previous flooring materials must be thoroughly removed and adhesive scraped up and cleaned before installation of the **Insight® Plus GB** flooring. The floor must be smooth, level, and flat.

Recommended Use Chart

Residential- R Commercial- C	Loose Lay Good	Releasable Adhesive MT- 711- roller Better	Permanent Adhesive MT-711- trowel Best
Spacing (Gap) at vertical surfaces	1/8”- 1/4”	1/8”- 1/4”	1/8”- 1/4”
Yardage allowed per room	30 sq yds total R-C	Unlimited R-C	Unlimited R-C
Structures on flooring	No R-C	Yes R	Yes R-C
Seams allowed	1 per room R-C	Multiple R-C	Multiple R-C
Rooms with Floor Drains	No R-C	No R-C	Yes R-C
Bathrooms	Yes NO SEAMS R-C	Yes R-C	Yes R-C
Rolling Loads	No R-C	No R-C	Yes R-C
Pivot Points	Minor	moderate	Yes R-C
Flash Coving	No	No	Yes

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CUTTING & FITTING

You may use pattern scribing, freehand knifing, or direct scribing techniques when installing **Insight® Plus GB**. The material is flexible and will handle easily when cutting and fitting. The material must always be cut flat before final cuts are made, leaving a 1/8" to 1/4" expansion gap. Never allow the material to become twisted. Always fold the material in a wide radius to avoid sharp kinks and creases that may cause breaks in the backing. You may flash cove **Insight® Plus GB** only when using the fully adhered method.

Note: Mannington **Insight® Plus GB** foam backing has important printed information which identifies product name and production dates. The distinctive printed pattern is also helpful during installation while cutting in the product. The printed arrows become useful when identifying material direction for seaming.

ONE PIECE INSTALLATION

Thoroughly clean the subfloor, sweep or vacuum to remove all dust and debris. Remove any quarter round, shoe base or wall base, and undercut any doorways. Precut the floor covering to fit the area, allowing 2" to 4" extra length and width for fitting. Position the resilient flooring in the room, allowing enough material to drop into offsets, closets, alcoves, etc. Align pattern squarely in room, parallel to all walls. If the room is not square, align the pattern so the run-off is located in the least conspicuous area. After the sheet is positioned, weight it to prevent shifting. Make relief cuts around unusual objects such as pipes, fixtures, floor registers, etc. Make relief cuts on all inside and outside corners. Rough-cut the sheet to remove excess material. Trim and fit the perimeter so the floor covering lies flat.

FULLY ADHERED- PERMANENT BOND

When using the Permanent Bond method, apply the adhesive with a 1/16" wide, 1/32" deep, and 1/32" apart notched trowel. After trimming the material to fit the room, tube or lap it back to expose approximately one-half of the under floor; strike a white chalk line near the fold of the material. This line provides a guide for adhesive application. Spread the adhesive, leaving no gaps, voids, puddles, or thin spots, over 100% of the exposed under floor. Keep the trowel clean and properly notched to maintain this uniform coverage. Immediately after adhesive application, gently position the sheet into the adhesive. Roll the floor covering forward into the adhesive to eliminate trapping air. Do not drop or flop the material into the adhesive. Using a 50 lb. (or heavier) three-section floor roller, roll the material in both directions, starting in the middle of the sheet width and rolling toward the edges. This process eliminates air and embeds the floor covering into the adhesive. For areas that cannot be reached with a floor roller, use a hand seam roller.

Failure to roll the floor covering can result in the following problems:

- Lack of bond between material and underfloor.
- Telegraphing of adhesive ridges.
- Permanent indentations: when heavy items are placed on the new flooring, resulting from adhesive displacement.

Once the first half of the material is adhered and rolled, fold back the second half and repeat the procedure. When folding back the sheet use extreme caution to prevent tearing the backing at the glue line. Also, be careful to regulate the adhesive spread at the glue line. This will avoid an adhesive ridge left in the center of the sheet.

FULLY ADHERED - RELEASABLE BOND

When using the Releasable Bond method, apply the adhesive with 3/8" nap paint roller. After trimming the material to fit the room, tube or lap it back to expose approximately one-half of the under-floor. Strike a white chalk line near the fold of the material. This line provides a guide for adhesive application. Spread the adhesive, leaving no gaps, voids, puddles, or thin spots, over 100% of the exposed underfloor. Keep the paint roller clean to maintain this uniform coverage.

Allow the adhesive to dry, and then gently position the sheet into the adhesive. Roll the floor covering forward into the adhesive to eliminate trapping air. Do not drop or flop the material into the adhesive. Using a clean, soft-bristle push broom, smooth the material in both directions, starting in the middle of the sheet width and working toward the edges. This process eliminates air and embeds the floor covering into the adhesive. For areas that cannot be reached with the broom, use a hand seam roller.

Once the first half of the material is adhered and smoothed, fold back the second half and repeat the procedure. When folding back the sheet use extreme caution to prevent tearing the backing at the glue line. Also, be careful to regulate the adhesive spread at the glue line. This will avoid an adhesive ridge left in the center of the sheet.

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LOOSE LAID

The most critical requirement when loose laying a one piece **Insight® Plus GB** installation is to be certain that the material is laying flat and positioned squarely in the room. In long drops, pull a string down a pattern line to assure that the material is positioned squarely in the work area.

Provide a gap of between 1/8" to 1/4" around all edges of the **Insight® Plus GB** flooring. Undercut all of the material. Once the **Insight® Plus GB** is positioned in the room, allow 15 to 20 minutes for the material to relax and lay flat before the final trimming. Undercut all door casings so the material can be slid under these casings without "pinching" or locking material. When fitting around in-floor forced air vents it may be necessary to apply a narrow band of adhesive around the vent to prevent air from being blown under the flooring.

Never secure cabinets or other permanent fixtures on top of loose laid **Insight® Plus GB**. Be certain that wall base and transition strips are not fastened into **Insight® Plus GB**.

SEAMED INSTALLATION

When the work area requires more than one drop of **Insight® Plus GB**, determine the best possible placement of the seam. If the work area requires more than one seam the Fully Adhered (either Permanent Bond or Releasable Bond) method must be used. Fit and cut the first sheet as in a one piece installation. Weight this sheet to prevent it from shifting. Position the second sheet in the room and align it to the first sheet for accurate pattern match. Once you have achieved pattern alignment, weight the second sheet to prevent it from shifting.

PATTERN MATCHING

When your work area requires more than one sheet of material, provide additional length on the second and succeeding sheets to allow for proper pattern alignment. Install **Insight® Plus GB** using the "Reverse" or "Do Not Reverse" method. The printed directional arrows on the backing of the **Insight® Plus GB** can be helpful in determining the direction of sheet or fill piece if needed.

"REVERSE" METHOD

"Reverse Sheets for Seaming" means turning the second sheet 180° to the first sheet. To determine the amount of additional material required to assure proper pattern alignment when the "Reverse" method is recommended, cut the first sheet at least 3" longer than the net room requirements. Cut the second and all succeeding sheets to this length plus the length of the pattern repeat.

"DO NOT REVERSE" METHOD

"Do Not Reverse Sheets for Seaming" means placing the opposite selvage edges together. To determine the amount of additional material needed to align patterns in "Do Not Reverse" designs, cut the first sheet 3" longer than the net room requirements. Cut the second and all succeeding sheets to the next multiple of the pattern repeat over the net room dimension, providing the starting wall is the same.

SEAM CUTTING

Seaming is one of the most important aspects of resilient sheet installation. Always double-cut seams in Mannington **Insight® Plus GB** with a new, sharp utility knife blade.

DOUBLE-CUTTING OF SEAMS

The most accurate method for cutting seams in **Insight® Plus GB** is double-cutting. In this technique, both sheets are cut at the same time. This ensures the edges of both sheets are cut exactly the same, with no gaps or fullness. The construction of **Insight® Plus GB** will not permit the product to be compressed or stretched into match. Overlap the sheets of **Insight® Plus GB** and bring the pattern into an exact match. The most accurate method of maintaining the pattern grout line width is to make the seam cut along the side of the grout line. With the sheets aligned, position the steel straightedge so it completely covers the grout line of the top sheet. Using the straightedge as a guide, cut the length of the seam in the "shadow" of the grout line with a utility knife. This technique will ensure that all grout lines are of the same width.

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Cut the seam net, not full. Do not add fullness to the cut by placing scrap under the seam. Keep the knife blade parallel to the straightedge, at a 90° angle to the floor covering. All seams are to be double cut "dry".

When using the FULLY ADHERED method, the sheets will be adhered up to a pre-determined dry zone, then the seam is cut and a uniform application of MT- 711 is applied. After providing sufficient open time, carefully position the sheets into the adhesive and roll across the seam with a hand roller.

Insight® Plus GB must be rolled flat and well bonded to the adhesive for a good seam. If the bond using the Releasable Bond method is not sufficient, it may be necessary to re-glue the seam area with a 6" band of MT-711. If the Loose-Laid method is used, after cutting the seam, apply a 6" band of MT-711 at the seam line, provide sufficient open time (tacky/wet), and then carefully position the sheet into the adhesive. Use caution to prevent the sheet edges from getting into the adhesive. Roll the seam area with a hand roller.

SEAM SEALING

All seams in **Insight® Plus GB** flooring must be sealed with Mannington MLG-33 two-part seam sealer. Thoroughly mix all of Part A and Part B into the supplied VST applicator bottle. When using MLG-33 two-part seam sealer, it is necessary to mix the entire contents of Parts A and B. Once mixed, MLG-33 cannot be saved for re-use. Check the flow of sealer through the applicator tip on a scrap piece of material before use. If the flow is restricted, insert the cleaning wire into the tip to clear the obstruction. Before sealing the seam, make sure the seam cut is clean, dry, and free of adhesive contamination.

Insert the plastic fin of the VST slightly back from one end of the wall and push forward to make full penetration of the fin. Use your forefinger to apply a downward pressure on the flat, textured "head" of the VST. Gently squeeze the bottle to start the flow of the sealer. In a slow, continuous motion, pull the applicator along the length of the seam.

You must apply seam sealer into the seam cut and leave a bead of sealer approximately 1/8" wide centered on the seam. Remember, it is crucial that the seam sealer be applied to the full thickness of the floor covering from top to bottom. To ensure a strong, tight seam, make certain there are no skips or voids along the cut. Allow seam sealer to completely dry before walking on the seam or moving furniture over it. We recommend waiting 24 hours.

FLASH COVING

The **Insight® Plus GB** can be Flashed Coved when only using the permanent full spread application. Apply Mannington's MT 711 or V-88 with a brush or paint roller. Seal all coved corners using Mannington's MLG 33 seam sealer.

FINISHING & MAINTENANCE

Molding & Base Installation

- Protect all exposed edges of the flooring with trim or restrictive molding.
- Always use moldings and transition strips over product edges.
- Nail wood moldings into the wall and not into the floor covering.
- Use metal or vinyl transition or reducer strips where LVS meets other types of flooring and at doorways.
- Apply a bead of silicone or latex caulk around bathtubs, shower stalls, toilets, and patio doors.

JOBSITE CLEANUP

To enhance the appearance of the finished installation, it is always good practice to thoroughly clean the area before leaving.

- Sweep the floor.
- Remove all scraps and trash from the jobsite. (Leave any large pieces of flooring, rolled face-out, with the customer for future repairs.)
- Remove any adhesive smears or residue from the surface of the flooring with a clean cloth dampened with mineral spirits or lighter fluid.
- If possible, wait 24 hours before moving furniture or appliances onto or across the floor. Always use wood or hardboard runways to move furniture and/or appliances, even when using a dolly. This is especially important when using the loose laid installation method.
- Leave Mannington Maintenance and Warranty literature with the customer. These are available from your Mannington Distributor.

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REPAIRS

Small Cuts

Small cuts will eventually gap open. To repair, clean any dirt from the cut and apply MLG-33 seam sealer.

Replacing Damaged Areas – Plugs

If you must replace a damaged area, follow these steps:

- Select a design element from the scrap material that matches the design to be removed from the existing resilient.
- Accurately overlay this piece over the damaged area.
- Double cut on the inside of the grout line if possible and remove the damaged piece. If the floor covering you are repairing is installed over existing resilient flooring, be careful not to cut too deep.
- If the **Insight® Plus GB** was installed FULLY ADHERED, apply a thin layer of MT-711 to the back of the repair piece and place into position. Roll with a hand roller. Apply MLG-33 seam sealer. Protect from foot traffic until sealer is fully cured.
- If the **Insight® Plus GB** was installed Loose Lay, apply a thin layer of MT-711 on the back of the repair piece as well as under the edges of the repair area. Position the repair piece into the cut out area and lightly roll the area with a hand seam roller. Apply MLG-33 seam sealer. Protect from foot traffic until sealer is fully cured.