



## LOOSE LAY LVP FLOORING

### INSTALLATION INSTRUCTIONS

Please read all instructions prior to installation. Before installing your flooring, visually inspect to ensure you have received the correct product and check for any defects. Once installed the product is considered accepted by the installer and owner. Goodfellow Inc. will not be held responsible for any costs related to installation of unsatisfactory product.

#### ACCLIMATION

Luxury Vinyl Flooring is required to acclimate to the environment in which it will be used prior to installation. Leave the boxes unopened and keep in the room where the flooring is to be used for a minimum of 48 hours before installing. Keep boxes flat and level; DO NOT store boxes on their sides. During acclimation heat and air conditioning should be functional and available to maintain a room temperature between 18°C (64.4°F) and 29°C (84.2°F) for this time.

#### ADHESIVE

##### (for both perimeter and full spread installations)

A high-quality, pressure-sensitive adhesive should be used for both perimeter and full spread installation methods.

Commercial use will require full spread glue-down installation method. Always follow instructions as per the adhesive manufacturer, including proper trowel and tools.

Failure to install Goodfellow Rocky Mountain with adhesive when flooring will be exposed to direct sunlight voids all warranties, express or implied; the end user shall assume full responsibility for any failure of the flooring, and Goodfellow shall be released from any claims, damages, or liabilities related to the failure to install the flooring as per instructions.

#### REQUIRED TOOLS FOR INSTALLATION:

- Protective eyewear
- Tape Measure
- Fine-tipped pen or marker
- Chalk line/reel and chalk
- Carpenter's square
- Trowel (as recommended per adhesive manufacturer)
- Utility knife
- Flooring Cutter (optional)
- Floor roller
- Clean, white cloth
- Acetone (if required)
- Floor patch/Embossing leveler (if required)
- Floor primer (if required)

*Please note: Depending on the condition and make of substrate, other items may be required if further floor preparation is necessary prior to installation.*

#### APPROPRIATE SUBSTRATE FOR INSTALLATION

Goodfellow Rocky Mountain Loose-Lay Vinyl can be installed directly over many types of flooring. Any carpet and/or pad must be removed. Ensure the surface is structurally sound, clean, and dry. Floor must be level to 4.7mm per 3m radius (3/16" per 10 foot radius). Maximum deflection should be no more than 1.1mm (3/64"). If being installed overtop of pre-existing flooring, the floor must be firm and flat; too much curvature can result in installation failure.

Goodfellow Rocky Mountain should not be installed over: asphalt-based floors; cushioned-backed vinyl; any carpet; plank flooring; self-adhering plank, laminate or other floating flooring; or structurally-damaged concrete. If installing over concrete, the concrete must be free from any dust, paint, oil/grease, solvent, sealing compounds, and curing agents.

#### CONCRETE SUBSTRATES

Concrete subfloors must be fully inspected before installing loose lay vinyl. If they do not meet the following requirements, do not install new flooring overtop. Concrete must have a compressive strength rated 3500 psi or higher. Concrete subfloors must be completely cured for at least 60 days prior to installing new flooring, and moisture levels should be tested. The moisture vapor emission rate should not to exceed 2.27 kg/92.9 sqm (5 lb/1000 sqft) per 24 hours, as per ASTM F1869. If instead using the ASTM F2170 test method, the internal relative humidity must be below 80%, and pH level must be between 7 and 9.

#### WOOD SUBSTRATES

Wooden floors must be a minimum thickness of 19mm (3/4"); made of APA approved grade tongue-and-groove plywood or 18.25 mm (23/32") OSB; and have a smooth finish, with no warping or deflection. If the wood floor is not an APA approved flooring grade underlay, an exterior grade wood underlay at least 6.36mm (1/4") thick must be adhered to the pre-existing floor. Ensure the surface is structurally sound, clean, and dry. Floor must be level to 4.7mm per 3m radius (3/16" per 10 foot radius). Maximum deflection should be no more than 1.1mm (3/64"). To ensure this all indents from fasteners and joints should be leveled and smoothed using a suitable compound.

#### RESILIENT SUBSTRATES

When installing Goodfellow Rocky Mountain over resilient flooring confirm that the pre-existing product is in good condition, was installed using full-spread glue method, and is suitably secured. Goodfellow Rocky Mountain can be installed over a single layer of non-cushioned sheet good floor. Pre-existing resilient flooring should be stripped using a suitable vinyl stripping product to remove any wax or other contaminants, and then rinsed and allowed to thoroughly dry. High-gloss or very smooth flooring will need the surface to be roughened to ensure proper bonding with adhesive.



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### GYPSUM SUBSTRATES

Gypsum subfloors are very porous and are required to be primed or sealed as per the instructions of the adhesive manufacturer. Ensure the surface is structurally sound, clean, and dry. Floor must be level to 4.7mm per 3m radius (3/16" per 10 foot radius). Maximum deflection should be no more than 1.1mm (3/64").

### CERAMIC/QUARRY TILE, MARBLE, OR TERRAZZO SUBSTRATES

Thoroughly clean pre-existing floor using a commercial grade degreasing/dewaxing solution. Roughen any high-gloss, polished, or unequal surfaces. Use an appropriate compound to fill and level any low areas, chips, and grout joints, as these marks may replicate through onto the surface of the new flooring. Test for absorbency and use appropriate adhesive application. Bond tests are required.

### RADIANT-HEATED SUBSTRATES

Goodfellow Rocky Mountain can be installed over embedded radiant-heated flooring, so long as the operational temperature is never more than 29°C (84.2°F). Do not use radiant heat systems that expose the flooring to large fluctuations in temperature, such as wire-induction mat systems. The area in which Goodfellow Rocky Mountain is to be installed must not contain both heated and unheated areas, unless there are adequate expansion joints to separate these areas. Warning: rugs or carpets may unintentionally insulate heat and cause temperature to rise above the allowable maximum surface temperature of 29°C (84.2°F). The radiant heating system should be operational for minimum of three weeks prior to installing the new flooring. The in-floor heating system should be kept at 18°C (64.4°F) for 48 hours prior to, and during the installation period. When using adhesive flash-off time may be decreased due to operation of the radiant heating system. After installation is completed the heating temperature should be increased gradually, by a maximum of 3°C (5.3°F) per 24 hours until desired temperature is attained.

### SUBSTRATE PREPARATION AND INSTALLATION CONDITIONS

- Room temperature during installation must be kept between 18°C (64.4°F) and 29°C (84.2°F) for entirety.
- Substrate must be free of debris, dust, paint, varnish, wax, grease/oils, curing sealers, solvents and other contaminants. Any adhesive residue from prior flooring installations should be removed completely.
- Substrates with any looseness must be secured.
- Any high spots should be levelled and any low spots should be filled using a suitable compound. Floor must be level to

4.7mm per 3m radius (3/16" per 10 foot radius). Maximum deflection should be no more than 1.1mm (3/64").

- Any expansion joints, seams, and holes should be filled level with the surrounding area to avoid duplicating these irregularities through to the new floor.
- Goodfellow recommends the use of floor primer on all porous and absorbent subfloors.

Caution: Old resilient flooring and adhesives may contain asbestos fibers and/or crystalline silica. Inhalation of dust particles comprised of these materials is a cancer and respiratory hazard. Local regulations may require professional removal.

### PATCHING AND LEVELING

Use only cement-based patching compounds. Ensure patching compound is given adequate curing time as per manufacturer's instructions. Check moisture levels of subfloor and patches prior to installation to ensure moisture levels meet guideline requirements as stated in the "Concrete Substrates" portion above.

*Note: Priming the subfloor or adding latex to patching compounds can make the subfloor non-porous. Test for absorbency and use the non-porous adhesive instructions if required.*

### EMBOSSING LEVELER

When installing over a pre-existing resilient floor an embossing leveler may be necessary to prevent the pre-existing floor pattern from duplicating through onto the new product.

### BEFORE INSTALLATION

- Boxes of product should be stored horizontally at all times; never store boxes on their sides.
- Protect corners of boxes from getting damaged.
- Visually inspect all planks for any visible defects or damage prior to and during installation. Do not install any damaged planks. Goodfellow Inc. will not be held responsible for any costs related to installation of unsatisfactory product.
- Ensure that all cartons contain the correct product. When installing open several cartons at a time and use a mixture of planks from different cartons for best results and appearance.
- Room temperature must remain between 18°C and 29°C for 48 hours prior to, during and after installation.
- Goodfellow Rocky Mountain is for indoor use only.
- Decide which direction the planks will be installed (it is recommended that Goodfellow Rocky Mountain be installed running parallel to the longest wall).



# LOOSE LAY LVP FLOORING INSTALLATION INSTRUCTIONS

## COMMERCIAL INSTALLATION

All commercial installations require the full spread glue-down method.

## RESIDENTIAL INSTALLATION

For residential use Goodfellow Rocky Mountain can be installed using the perimeter grid-glue method.

1. Measure the room to calculate how much flooring to purchase. To calculate surface coverage multiply the length by the width of the room (adding the area of any closets). Add 5-10% to total surface area to account for trimming. Goodfellow recommends to keep a few planks of your new flooring for replacement in the event any planks should be damaged.
2. Remove thresholds, baseboards, and the existing flooring if necessary. If the pre-existing floor surface is smooth and solid you may choose to skip this step (please see substrate requirements listed above).
3. If required use a suitable compound to fill in any cracks or holes in the subfloor. Ensure the surface is structurally sound, clean, and dry. Floor must be level to 4.7mm per 3m radius (3/16" per 10 foot radius). Maximum deflection should be no more than 1.1mm (3/64").
4. Planks must be glued around the perimeter of the room with a 25-30cm (10-12") band of high-quality, pressure-sensitive adhesive. Always read adhesive manufacturers instructions. Goodfellow Rocky Mountain planks are to be fitted tightly to the walls. A full spread glue-down method is required in areas such as hallways which may incur heavy or wheeled traffic, or areas that may be exposed to/cannot be protected from direct sunlight. Failure to install Goodfellow Rocky Mountain with adhesive when flooring will be exposed to direct sunlight voids all warranties, express or implied; the end user shall assume full responsibility for any failure of the flooring, and Goodfellow shall be released from any claims, damages, or liabilities related to the failure to install the flooring as per instructions.
5. If a room is greater than 4m (13') in any direction a grid pattern of adhesive is required: A strip of 25-30cm (10-12") should be applied in both directions in the middle of the room, similar to the method used around the perimeter of the room. In very large areas, a grid pattern of adhesive should be applied every 3mx3m (10'x10') space.
6. Adhesive should also be used to install flooring in areas where movement may occur, such as near doorways, appliances, and landings. Glued down and floating planks can be installed together in any area where adhesive is necessary. Apply the adhesive once you are ready to install the planks over it, as per the adhesive's working time as stated by manufacturer's instructions. Any glued portion of the flooring including the perimeter will require the use of a floor roller to eliminate trapped air and ensure successful bonding to the substrate.
7. Installation should begin with a corner (recommended right hand side) and proceed towards the opposite wall. Each plank is labelled on the back with a directional arrow. This is for manufacturing purposes only; planks can be used in either direction during installation.
8. When placing the following rows, stagger the end joints a minimum of 20cm (8") apart from the prior row. This staggering will create best results and appearance. This may require a plank to be cut to begin a row. Cut end of planks should be placed against the wall. Use a vinyl floor cutter (recommended) or a utility knife and carpenter's square to cut the plank at a 90° angle to the length. Planks that are against the walls must be at least 20cm (8") long. Ensure the installed planks are free from gaps. Planks should be fitted tight against one another on all four sides. Once planks have been installed use a floor roller to ensure proper bonding with substrate. Rolling should be performed during the working time of the adhesive (see adhesive manufacturer's instructions).
9. Remove any adhesive residue on the surface of the flooring using a clean, white cloth dampened with water if adhesive is still wet; or acetone, liquid ethanol, or mineral spirits if adhesive has dried.



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### INSTALLATION INSTRUCTIONS

#### IMPORTANT

- Goodfellow Rocky Mountain is guaranteed for use only as floor covering.
- Goodfellow Rocky Mountain is intended for indoor use only.
- Temperature after installation is complete should be kept between 18°C (64.4°F) and 29°C (84.2°F) Relative humidity should be kept between 40% and 70%.
- Rocky Mountain flooring must be protected from direct sunlight. Goodfellow recommends using blinds, curtains, or UV protective film in all windows to eliminate direct sunlight exposure, and to ensure that the flooring does not overheat. Goodfellow Rocky Mountain flooring which is exposed to overheating may be subject to thermal expansion which can cause buckling and/or peaking. Goodfellow shall be released from any claims, damages, or liabilities related to flooring being exposed to direct sunlight.

#### HOMEOWNER RESPONSIBILITIES

To sustain warranty and ensure quick and easy service in the event of a claim, the following requirements must be met:

- Flooring must be installed according to Goodfellow Installation Instructions.
- Use appropriate and safe Vinyl floor cleaning products.
- Retain five planks of the Goodfellow Rocky Mountain product that was used after installation for possible testing purposes.
- Retain and be able to provide the original sales receipt (or documentation confirming proof of purchase and details of purchase and installation date of the product