



## Vinylinx Luxury Vinyl Flooring Gluedown Installation Guide

### GENERAL INFORMATION

Vinylinx Luxury Vinyl Floorings are comfortable underfoot, durable, and easy to maintain. Gluedown flooring should be installed in accordance with: the requirements of ASTM F710 or other applicable National Standards and Building Code for the installation of Resilient Flooring, and instructions below to ensure a quality fit. These floorings are not suitable for installation outdoors nor in rooms that will be continually wet.

Before installation, all materials must be checked to ensure that batches are identical and free from defects. Complaints regarding clearly identifiable defects cannot be accepted after installation.

### INSTALLATION TOOLS AND MATERIALS

- Approved adhesive
- Adhesive applicator, notch trowel
- Measuring tape
- Utility knife
- 45 kg floor roller or hand roller
- Chalk line
- Firm sponge, cloth
- Straight edge
- Primer (if necessary)

### CONDITIONING

Conditioning is a required procedure prior to the installation of Luxury Vinyl flooring. The climatic conditions acceptable for the installation are:

- Floor temperature > 15°C
- Room temperature > 18°C
- Air Relative humidity  $\cong$  65%

Before installation, floorings must be removed from their packaging and laid flat at the room where the installation is to take place at a minimum of 24 hours. The room temperature should be kept between 18 and 28°C before and during the installation.

### SUBFLOOR PREPARATION

Vinylinx Luxury Vinyl Floorings should only be installed on to a smooth, clean, and dry surface, free from contamination and dust. Any adhesive residue from prior installations should be completely removed. Remove any unevenness in the subfloor prior to installation. Subfloor levels should be in accordance with local national standards and in any event, should never exceed a maximum deviation of 2mm when measured under a 2m long straight edge.

Suitable subfloors include concrete, timber, and ceramic tiles. Do not install on asphalt, bituminous surfaces or over existing floor coverings.

#### **Concrete Subfloors**

Moisture testing must be performed on all concrete subfloors. The Residual Moisture Content must meet the following requirements:

Reinforced concrete  $\cong$  3.5% CM

Cement mortar and fine aggregate concrete  $\cong$  2% CM

Underfloor heating  $\cong$  1.8% CM

Also, the concrete Tensile Adhesive Strength should be at a minimum of 1.0 Mpa.

According to the result, an appropriate adhesive with the proper moisture limits should be chosen or a DPM must be used.

High spots should be levelled and low spots should be filled with a proper material to ensure substrate is flat (not exceed 2mm when measured under a 2m long straight edge).

All construction seams, expansion joints, and holes should be filled level with the surrounding surface to eliminate telegraphing of such irregularities.

#### **Timber Subfloors**

For boarded timber floors, any loose boards should be firmly fixed and high spots removed by sanding. The timber should be overlaid with 6mm Hardboard or Cement fibre or as recommended by the manufacturer. Sheet layout details, type of fixing and spacing of fixings must be strictly in accordance with the material manufacturers recommendations, all fixings must be below the surface of the board. The surface should then be primed with a suitable primer.

#### **Ceramic Tiles**

Test floor for evidence of damp. If after testing, dampness is detected consult your supplier. Check floor area for unstable, loose or broken tiles, waxes and sealers. Remove loose pieces and fill deep holes with rapid drying mortar. Degrease, rinse and abrade the surface of the floor. Apply a cement-based floor patch or embossed leveller as per manufacturer's instructions to standards of ASTM F710.

### **Existing Resilient Floorcoverings**

Always uplift the existing resilient floorcovering, and remove as much as possible of the old adhesive. Floorings accept no responsibility for overlaying over existing floors, carpets, vinyl, linoleum or rubber. If the flooring appears damp, or if there is a musty smell, or visible evidence of mould or mildew, professional advice should be sought before proceeding with the flooring work.

### **Underfloor heating/Radiant heated floors**

Floorings may be installed over underfloor heating systems, provided it is insulated such that the temperature between the underside of the floorings and subfloor does not exceed 27°C. It should then be switched off 48 hours before, during, and 48 hours after installation. Be noted that the flash off time of adhesive may be decreased due to operation of the radiant heat flooring system. 48 hours after installation the temperature can be gradually increased to the desired temperature (at no more than 3°C per day). Do not raise the temperature to more than the tolerated maximum surface temperature of 28 °C as the flooring may accidentally function.

For Electrical Underfloor Heating please consult the manufacturer to make sure their system is compatible with our flooring.

### FLOOR LAYOUT

Divide the room into 4 sections by drawing 2 perpendicular lines across the floor and use these lines as your guide to ensure you are laying the planks/tiles perfectly square.

It is recommended that when laying the flooring, you start from the middle of the room and complete each section one at a time.

### APPLICATION OF ADHESIVE

Only use approved water based flooring grade acrylic adhesive, trowel notching to be as recommended by the manufacturer of the adhesive. For porous concrete and wood it is recommended to use a high quality floor covering primer. This will improve adhesion by sealing the surface and locking any loose dust.

### INSTALLATION

Make sure to apply the adhesive only when you are ready to install the floorings, using the proper trowel size and following the adhesive working time as outlined on the adhesive manufacturer's installation instructions.

Carefully place the first plank/tile into the adhesive at the center point of the chalk lines. Continue to place the second and latter planks/tiles in straight rows. Follow the chalk guidelines to keep the joints straight and make adjustments if necessary. The last row of planks/tiles will need to be cut to fit the walls and other vertical surfaces. Allow a 4mm gap between the edge of the planks/tiles and wall. Vinylinx recommends the planks/tiles be rolled with a 45 kg roller or hand roller to ensure maximum bond strength. The room temperature should be kept between 18 to 28°C at all time of the installation.

### TILE CUTTING

To cut planks /tiles, simply mark the cutting line with a utility knife and snap in a downward motion.

To fit edge plank/tile that need to be cut, lay the plank/tile to be cut exactly over the last full plank/tile; place another full plank/tile against the wall and mark the cutting line where the plank/tiles overlap.

Cut to fit plank/tile in position. Always place the cut edge to the wall.

#### **Shaped cuts**

To fit around doorframes, pipes etc., just make a cardboard template as a guide and use this to draw an outline onto the plank or tile. Cut to shape and check that it fits.

### IMPORTANT

Vinylinx Luxury Vinyl Flooring is only used for indoor and floor covering only.

The flooring must be protected from direct sunlight exposure. Vinylinx recommends using UV protective film, blinds or curtains in all windows that provide direct sunlight to ensure that the products are not overheated.

Care must be taken to avoid damage to the floor caused by localised 'hot spots/thermal blocks. Care must also be taken in placing rugs, and items of furniture which do not allow hot air circulation. No responsibility for damage to flooring can be accepted under these circumstances.