

# Installation Guides

## Luxury Glue Down Vinyl (LVT)

### Tools needed:

Tape Measure, Pencil, Chalk Line / Straight Edge, Adhesive, A2 Notch Trowel, Damp Cloth, Set Square, Utility Knife, Rubbing Block or Hand Roller, Roller (minimum 50kg)

### Subfloor preparation

To achieve the best finish, you must ensure your preparation is correct. For a successful installation, with many different substrates available from concrete through to wood panel, the subfloor must be sound, clean, dry and flat. As with all types of floor covering, the ideal is to attain a clean and flat surface, free from lumps, bumps and hollows. All high spots will need to be planed or sanded with hollows / gaps filled with a suitable non-shrinking water-resistant levelling compound. Should your floor undulate a little too much, we would recommend a coating of a suitable levelling compound or on wood substrates, a fixing of 6mm plywood.

The flatter your subfloor, the better the finish you will achieve. Ideally, your subfloor must have no more than a 3mm deviation under a 2m straightedge when laid across the surface, less than 3mm will give less visible undulations as light reflects from the surface. Please also make sure your floor is free of any past possible contaminants such as solvents, grease wax, paint bitumen compounds etc.

*Note: Any new concrete slabs must be thoroughly dry, allowing a minimum 1 month for each 25mm in depth up to 50mm deep, then 2 months per 25mm after 50mm. The moisture content must be 75% RH or below. If it is above this value, an appropriate surface damp proof membrane must be applied in accordance with the manufacturer's instructions. Any existing concrete / solid slabs must contain a physical damp proof membrane, the moisture content must still be checked, and the above advice followed.*

### Acclimatisation conditions

Your new luxury dryback vinyl will require a comfortable 18-27°C temperature, before, during and after installation, with a minimum 24-hour acclimatisation period. This will ensure the flooring and adhesive are easier to work with and install. In addition to this, LVT is suitable for under floor heating applications with a maximum subfloor temperature of 27°C. Underfloor heating should be turned down to "low" (approximately 10°C) or turned off at least 2 days before installation and acclimatisation. Keep underfloor heating turned off for 72 hours after installation to allow the adhesive to achieve its maximum bond strength

## **Installation**

Begin by drawing a straight line in the middle of the room (measure from the centre line to the edge of the room and divide by the width of the flooring to check you do not end up with a very thin last row. The centre line can be moved half the width of the flooring to increase the last row size if required). Once you have your working line marked, measure and draw a second line to create a working section. Ensure this section is no bigger than can be completed in the adhesive working time, e.g. 3- 5 rows. This is to prevent the adhesive drying before the flooring has been positioned. Next, using a trowel with the correct size notch, apply the recommended amount of adhesive evenly over the section of subfloor and allow enough time for the adhesive to tack off (follow the included instructions for accurate timescales).

*Note: Pressure-sensitive adhesive is suitable for the majority of applications, however high temperature adhesive should be used for spaces that are subject to direct sunlight or excessive heat.*

To ensure a secure fit, immediately press down each plank or tile with a rubbing block or hand roller. Wipe any excess adhesive off using a damp cloth. Once your working section is complete, go straight into rolling each section with a min. 50kg flooring roller. Roll several times in different directions, all within the adhesive working time. Repeat these steps for each working section until complete.

Avoid rapid temperatures increases of more than 5°C within 12-hour intervals. Protect the subfloor and flooring from intense direct sunlight during and after installation until the adhesive has fully cured. Use curtains or blinds to avoid excessive surface temperatures from the sun during installation.

This is a brief guide on installing Luxury Glue Down Vinyl flooring. Always refer to the manufacturer's installation guides in the packs of flooring or visit our Flooring Manufacturers Installation Guides.

**If you require any further advice on installation then please call our technical department on 02476 012 840, e-mail us on [technical@ukflooringdirect.co.uk](mailto:technical@ukflooringdirect.co.uk) or click the Live Help Button at the top of the page.**