

INSTALLATION GUIDELINES

TAC / MULTI-LAY LVT



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GENERAL CONDITIONS

A good preparation is essential for a smooth installation. *Tac/Multi-Lay LVT* can be installed on concrete, timber, ceramic and many other sub-floors which have been suitably prepared.

The effective application of *Tac/Multi-Lay LVT* is dependent on suitable site conditions.

Tac/Multi-Lay LVT must NOT be installed either externally or into unheated locations. It is possible to install *Tac/Multi-Lay LVT* flooring over floors incorporating underground heating, but these must be insulated to ensure surface temperature does not exceed 27°C. It is recommended on a new concrete slab that the heating is operational for several days prior to installation to reduce moisture in slab. Three days prior to installation, lower to 18°C. 24 hours post installation, gradually increase in increments of 3°C per day until it reaches the maximum operating temperature of 28°C, before being turned back to its normal household temperature.

SUBSTRATE PREPARATION

Careful sub-floor preparation as per current AS/NZS 1884 is vital for an excellent floor appearance and good installation. The sub-floor must be hard, flat, smooth, clean, dry, and free from defects, contaminants and fit for purpose.

A suitable levelling compound or underlayment should be used to ensure that no irregularities show through to the surface of the finished floor. However, the selection of suitable materials, including smoothing and levelling compounds and any ancillary products is dependent upon the end use of the completed flooring, and must be agreed by the supplier of the preparative materials and the installer.

Any proprietary materials used for floor preparation must be used in accordance with the manufacturers' recommended instructions.

In all cases, the sub-floor must be sufficiently dry and the RH (relative humidity) checked to ensure it is not greater than that of any proprietary materials that are being used when tested in accordance with current AS/NZS 1884.

Direct-to-earth concrete and stone sub-floors must have an effective damp proof membrane (DPM). Follow manufacturer's detailed instructions for the installation of a surface DPM and the use of levelling compound.

All particle board substrates require an underlay or underlayment.

Timber and plywood floors shall be considered sufficiently dry when moisture content measurements are within a range of 10% to 14% when measured with an electrical resistance meter.

The finished appearance of a *Tac/Multi-Lay LVT* floor will be as good as the quality of the base over which it is installed. Any irregularities in the sub-floor will show through the finished floor.

ACCLIMATISATION

Tac/Multi-Lay LVT performs to its specifications when laid at room temperature between 18°C – 28°C. The product should be acclimatised within the room it is to be laid at least 24 hours prior to installation. A constant temperature, fluctuating no more than 3°C per day and not below the required 18°C room temperature and 15°C floor temperature, should be maintained 24 hours before, during and after installation.

It is preferable that the packs are stored lying flat, stacked squarely and away from vents and direct sunlight. It is recommended that you black out windows where direct sunlight streams in onto the floor to allow for continuity across the whole area to be laid.

PRE-INSTALLATION

1	Ensure that all <i>Tac/Multi-Lay LVT</i> are from the same batch and that there is no damage to the boards or visual defects on the print layer.
2	Before installation, check all panels in daylight for possible defects or discrepancies in colour or sheen.
3	Check the edges of the <i>Tac/Multi-Lay LVT</i> for damage and straightness
4	For best, results mix at least two packs when fitting to avoid repetitions in the pattern. It is also preferable only to use material from the same batch in a single room. Lay the products in the same direction they come out of the box mixing planks from different boxes.
5	The surface beneath the floor must be sufficiently prepared in advance to guarantee successful fitting of the floor covering.

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RECOMMENDED ADHESIVES

Tac/Multi-Lay LVT is recommended to be installed with solvent free 'pressure sensitive' or 'hard set' adhesive, using a V1 trowel for normal installations.

For domestic wet areas such as bathrooms, kitchens and laundries, Polyurethane adhesive may be required.

A list of approved adhesives can be found on our website www.signaturefloors.com.au or by calling 1800 150 554.

Important

Floor installation should not begin until the installer has assessed and approved the sub-floor and conditions.

INSTALLATION PROCEDURE

Depending on the environment in which you intend to install *Tac/Multi-Lay LVT*, please follow one of the two guidelines:

Option 1

In areas of medium traffic, or areas not effected by prolonged sunlight, it is recommended to use full stick 'hard set' or 'pressure sensitive' (PS) adhesive applied with a V1 trowel. The application of PS adhesives with a roller is not suitable.

Option 2

In extreme traffic areas such as commercial high foot traffic, high frequency wheeled traffic use or conservatories and other areas where there is extreme heat (where the installation is subject to temperatures of over 40°C, due to direct sunlight or other sources) and areas expected to experience prolonged sunlight, it is recommended to use a 'hard set' or polyurethane adhesive.

When using hard set adhesive, ensure placement of plank achieves transfer of adhesive.

STEP BY STEP FITTING INSTRUCTIONS

The installation of *Tac/Multi-Lay LVT* flooring follows the same guidelines that apply to all quality resilient floors and needs to be laid according to current AS/NZS 1884.

- Determine the installation direction of the *Tac/Multi-Lay LVT* floor. Calculate how the partition of plank or tiles will be across the width of the room/area and mark a 100% straight line on the floor.
- Highlight the second line to create the section (for example, 5 rows wide) to be glued with the appropriate type of adhesive. Prior to using the adhesive, read the adhesive supplier instructions.
- Spread the right amount of adhesive equally over the sub-floor and let it dry (open time) until it reaches its initial bonding strength. For more information, consult the specifications of the adhesive.
- Lay the planks or tiles, respecting the direction of the arrows of the backing, into the sticky adhesive in order to transfer the adhesive fully on the backing (working time).
- We recommend laying the planks in a random brick pattern, with the end joins being a minimum of 15cm apart.
- Cut the planks or tiles tight against the wall or skirting. Use a sharp utility knife to cut the surface of the plank (you may need to score twice). Open up the cut by bending the plank and then finish the process by cutting through the back of the plank. Always place the factory edges together rather than the cut you have made, this will ensure a cleaner join.
- Do not spread adhesive on a section greater than can be processed within the working time.
- To ensure fully contacted with adhesive, immediately press every plank or tile with a hold roller.
- Wipe excess adhesive with a damp cloth.
- Roll each section with a roller of a minimum 40kg immediately after installation and several times in different directions during the working time.
- Repeat steps 3 to 10 until the entire installation is completed.

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NOTE: It is preferable that planks run parallel to incoming sunlight. It is accepted that this is not always possible given the layout of the job and jobs running over multiple rooms.

During installation we recommend that the temperature be controlled between 18°C – 28°C and vary by no more than 3°C. This environment must be maintained for 24 hours prior, during and after installation.

NOTE: Planks must be installed tight against as walls.

If you are installing *Tac/Multi-Lay LVT* in rooms that have floor to ceiling windows which are exposed to direct sunlight, we recommend that the use of polyurethane adhesive, and that windows are blocked out 24 hours prior to, during and after installation to keep the direct sunlight from the floor during the curing process.

In some instances, re-trimming of *Tac/Multi-Lay LVT* around the perimeter may be required at a later date once the flooring has settled relative to the internal conditions post installation.

PROTECTION

Tac/Multi-Lay LVT should be protected from heavy traffic for 72 hours after installation so that the planks and adhesive can stabilise at consistent temperature between 18°C – 28°C.

FIRST CONTACT WITH WATER

Prevent the floor from coming into contact with water for the first 72 hours after installation. Hereafter the adhesive is sufficiently resistant to water so that the bonding strength will not be affected.

For any assistance please contact Signature Floors on 1800 150 554.

WARRANTY

Further information is available in our *Residential LVT Guide & Warranty Guidelines* from your place of purchase and Signature Floors website www.signaturefloors.com.au

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