



INOVAR[®] Loose Lay

Installation Guide

• Subfloor Preparation

1. The surface of the floor must be completely dry. Please note even though the floor may appear dry, it may still retain moisture. Moisture testing is a mandatory step of subfloor preparations. This is to prevent formation of mould in between the concrete and the tiles.
2. In newly constructed buildings, it is necessary to dry the flooring surface for 7 to 14 days prior to application to ensure that no moisture is retained in cement/concrete surfaces.
3. Any polish, loose paint, dirt, finishes, etc. must be completely removed from the floor before installation. Mop dry and sweep the entire floor to remove sand, soil and debris from the surface. **Height difference should not exceed 3mm/linear meter** on the subfloor so that the Loose Lay tiles on the top will be level and without uneven joints.
4. Ensure that the floor surface is flat, solid, smooth, clean, dry, dust-free and level. Use a scraper to flatten the floor surface or a putty knife to remove gum and/or labels.
5. Maintain the room temperature between 15°C (60°F) to 29°C (85°F) before installation. Flooring products must be kept in the same environment for at least 24 hours prior and during installation for acclimatization.

INOVAR[®] LooseLay should not be installed in rooms where they are likely to be covered with water. Never install on the place where it contains solvents used to remove any dirt on the subfloor. Should there be any solvent contamination, then it must be removed or sealed. Otherwise, the properties of LooseLay product can be deteriorated.

Caution: Subfloors made from particle board (yellow tongue, etc) are unsuitable for this product to be installed over. Hardboard should be laid before installing Loose Lay Vinyl product

- **Arranging the Tiles**

INOVAR[®] LooseLay planks and tiles can be installed randomly.

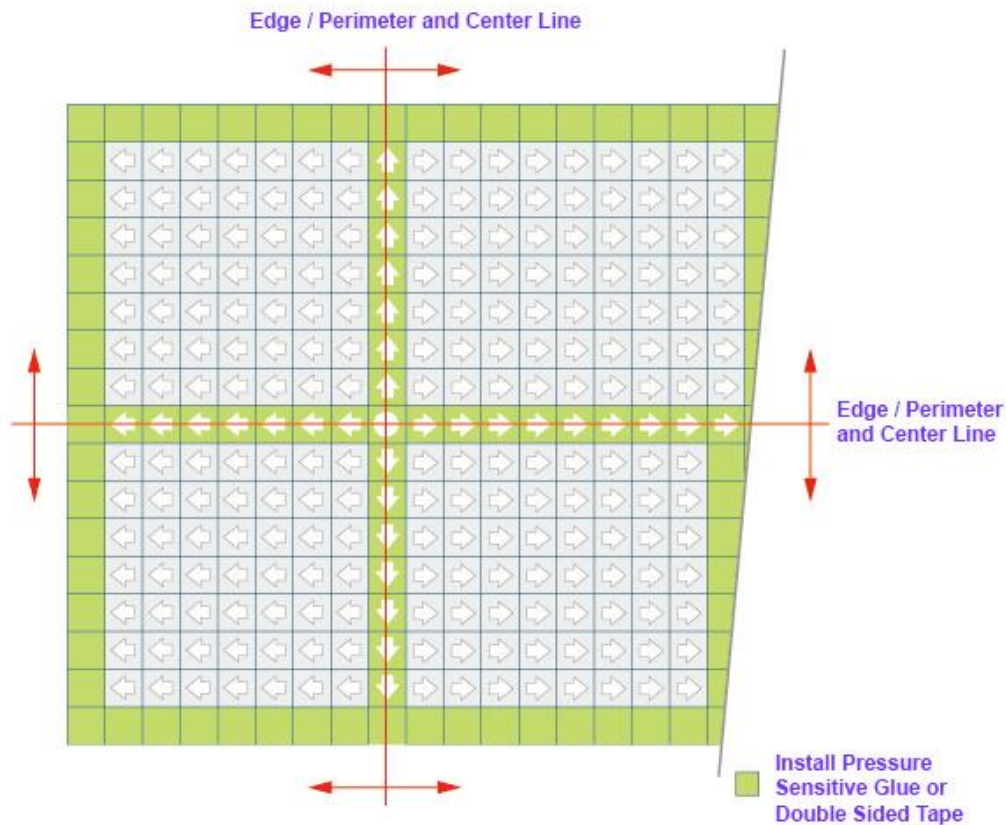
- **Installation**

When INOVAR[®] LooseLay is installed, the subfloor must be flat, solid, smooth, clean, dry, dust-free and level etc and can be used in two optional methods to meet customer needs, depending on the degree of footfall/wheeled traffic expected as followings:

1. **Adhesive free:** Loose Lay tiles and planks can be installed without adhesive in light commercial areas and residential areas, including bedroom, kitchen, laundry etc, provided the subfloor has been prepared as mentioned above and double-faced tape or a pressure sensitive adhesive can be used to secure the first row of tiles and planks. If preferred, any double faced tape used can be removed after the job has been done.
2. **Grid stick:** In high traffic areas, you must use pressure sensitive adhesive or double sided tape around the perimeter of the room before installation with a grid system of 10cm wide bands in both directions. Note that adhesive does not require the subfloor to be porous. If the area to be installed is larger than 50sqm, add pressure sensitive glue or double sided tape across mid sections of the installed area as shown in diagram below to provide extra stability to the floor.

INOVAR FLOOR

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- Green area indicates where pressure sensitive glue or double side tapes can be installed - on the edge/perimeter and centre line.
- Light blue area indicates where the tile can be laid without glue or double sided tapes
- Leave 2mm gap from the 4 walls

Under floor heating system: when installing over under floor heating system, please be certain that the subfloor temperature never exceed 29°C (85°F).