

## InstaLay 25, 30 & 50 (low and high grab)

### INSTALLATION INSTRUCTIONS Wood Flooring (Tongue & Groove + Click Joint) Installation Using The InstaLay Self-Adhesive Installation System (loose laid to the sub-floor)

**Acoustic system for use below most types of Floating Laminate, Engineered, Solid Wood (max width 150mm / 6in) and Bamboo Wood Floors**

Domestic and commercial use, suitable for heavy traffic  
Manufactured using recycled rubber crumb. Guaranteed for 10 Years  
Roll Size: 3mm & 5mm - 1.0m x 10.0m (10.0m<sup>2</sup> / roll) / 3ft 3in x 32ft 10in (107.6ft<sup>2</sup> / roll)

1. Please see the application table below for the recommended InstaLay system to use:

	InstaLay 25hg	InstaLay 30hg	InstaLay 50hg	InstaLay 30lg	InstaLay 50lg
Solid (Tongue & Groove)	√	√ preferred	√ preferred	X	X
Engineered (Tongue & Groove)	√	√ preferred	√ preferred	X	X
Engineered (Click Joint)	√	√	√	√ preferred	√ preferred
Bamboo (Tongue & Groove)	√	√ preferred	√ preferred	X	X
Bamboo (Click Joint)	√	√	√	√ preferred	√ preferred
Laminate (Click Joint)	√	√	√	√ preferred	√ preferred
Parquet (No Joint System)	√	√ preferred	√	X	X

All InstaLay high grab products used for tongue and groove joint systems can also be used for click systems, however this will create a permanent installation.

2. The sub-floor must be level, smooth and dry. Sub-floor moisture readings must not exceed those prescribed by the wood floor manufacturer. If the sub-floor is dust generating or flaky, it may be necessary to apply a sub-floor primer prior to installation. The wood floor should always be allowed to condition prior to the installation. Before starting the installation, always follow the manufacturer's conditioning recommendations carefully (conditioning should never be less than 48 hours). The InstaLay must also be conditioned together with the wood flooring for the same length of time in the room where the installation will take place (for conditioning of solid boards please see points to note at the end of this document). It is important to control the internal temperature and humidity during and following the installation and we recommend that if a HVAC system is installed, it should be running constantly to maintain the required conditions. The air conditioning system should be allowed to run for a sufficient time to create the normal internal climate that the floor will be subject to during normal use. Once the climate has been stabilized, InstaLay and the floor covering should be conditioned to this environment for at least 48 hours prior to the installation. Prior to installation, it is the installer's responsibility to ensure that all internal site conditions are stable and suitable for the installation.

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### **INSTALLATION INSTRUCTIONS**

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Room temperature of between 18°C - 22°C (65°F - 73°F) and Relative Humidity (RH) of between 45% - 65% must be maintained at all times. Failure to maintain these conditions could cause ongoing behavioural problems with the wood flooring product.

3. Always follow the wood flooring manufacturer's recommendations regarding moisture levels. A damp proof membrane (DPM), such as 600 gauge (6 mil) polythene sheeting, is recommended on all concrete floor slabs. The joints should be overlapped by a minimum of 150mm (6in) and be taped and sealed with waterproof adhesive tape. The DPM should be allowed to extend up the perimeter walls by 50mm (2in), and can later be trimmed level with the surface of the finished floor, to allow moisture vapour to be expelled above the finished floor height around the perimeter of the room.
4. Roll out and position the InstaLay (over the DPM, if fitted) with the exposed rubber surface facing downwards and the release film facing upwards, in rows next to one another (do not overlap the InstaLay).
5. Cover the floor area to be fitted with InstaLay, leaving an expansion gap between the InstaLay and the perimeter wall. The expansion gap should be identical to the expansion gap being left between the wall and the wood floor being installed above (see Section 7 below). Joins must be closely butted together (to ensure that there are no gaps in the InstaLay) and run in the opposite direction to the board lengths of the wood floor to be fitted.
6. As shown in Diagram 1 below, at the perimeter wall where the installation of the floor begins, peel back the right hand corner of the release film (A) at 45° to the wall in order to expose a triangular shaped area of adhesive (B) on each strip of InstaLay. Fold back sufficient release film to extend beyond two board widths.

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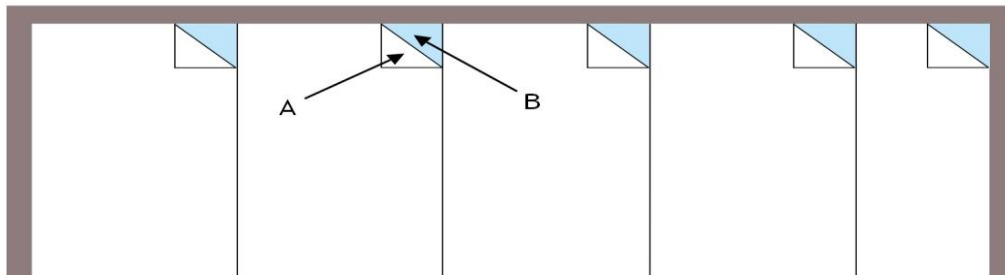


Diagram 1

- Set out the first row of boards across all the InstaLay rows along the full length of the starting wall. Ensure that the correct expansion gap is maintained between the wall and the boards (refer to the board manufacturer's guidelines on the necessary expansion gap). Do not press the boards onto the corner of exposed adhesive yet, but allow the adhesive to hold the board gently in place. Now position the second row of boards to produce a configuration of boards and release film that resembles Diagram 2 below.

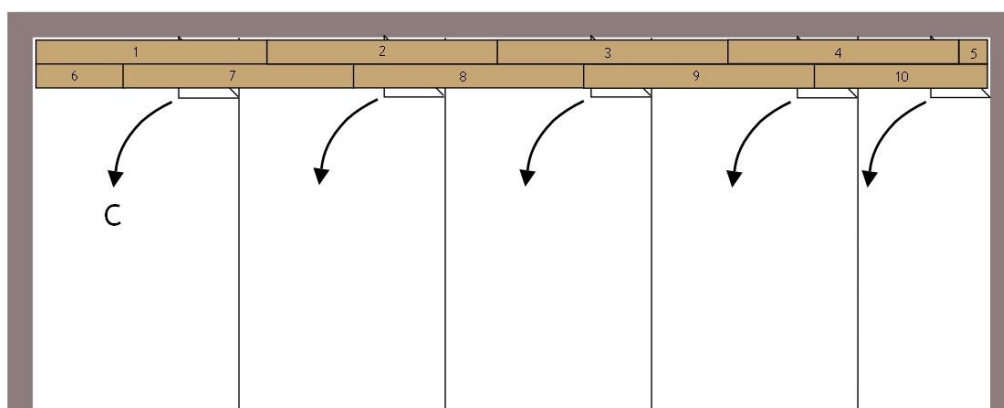


Diagram 2

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8. Starting with the first row of InstaLay, hold the first two boards firmly together with one hand, whilst gently peeling back the release film from under the boards with your other hand (in direction C of Diagram 2 above). Continue peeling back the release film until the adhesive membrane below the first two boards is fully exposed. During this process, the angle of the release film fold and the wall will change from the initial 45° angle to becoming parallel to the boards and the wall. Whilst still maintaining pressure on the board joints, secure these first two boards in position by pressing them firmly onto the exposed adhesive. Repeat this process for each of the InstaLay rows, until the first two rows of boards are secured by the InstaLay adhesive membrane along the entire length of the installation.
9. At this point, the first two rows of boards will be secure and any excess InstaLay release film (D) will be folded back parallel to the exposed edge of the second board, as shown in Diagram 3 below. Ensure that the release film is butted tightly against the exposed edge of the second board so that no adhesive membrane is exposed along the length of the installation. If too much release film is peeled back, stick the release film back up to the last fitted board and fold along the edge, so that no adhesive layer is exposed.

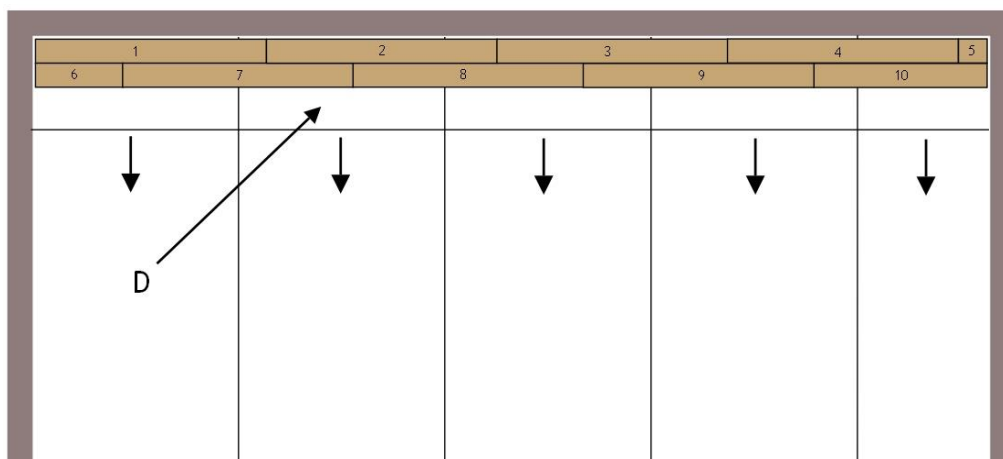


Diagram 3

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10. Now position the third row of boards along the full length of the installation on top of the folded back release film, ensuring the board joints are closely butted together. Starting once again with the first row of InstaLay, hold the third board tightly against the second board and gently pull the release film from under the third row of boards, continuing to ensure that the joints are kept tight. The boards will automatically be grabbed by the adhesive membrane as the release film is peeled back. Repeat this process for each row of InstaLay, until the third row of boards is secured along the full length of the installation.
11. As shown in Diagram 4 below, continue installing all the remaining rows of boards in the same manner until the installation is complete.

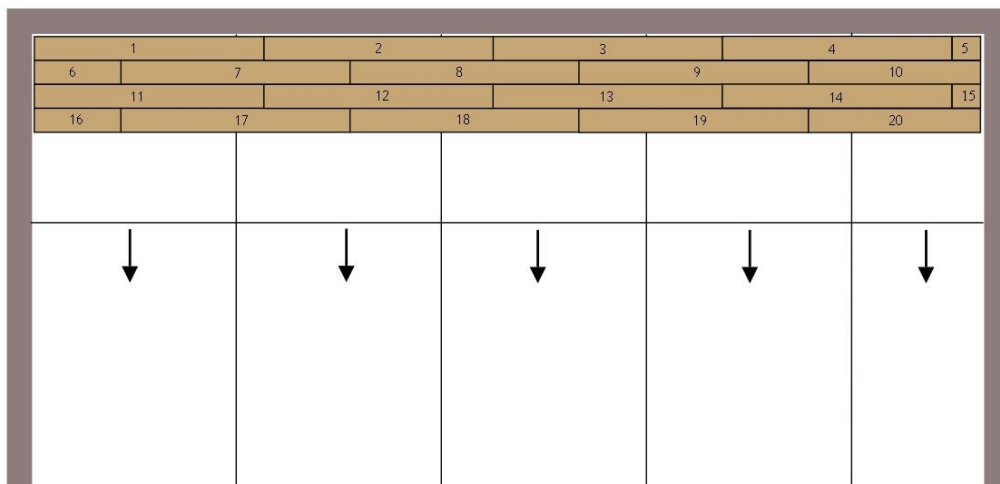


Diagram 4

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#### **Points to note:**

- ✓ InstaLay is suitable for the installation of solid wood flooring products. However, we do not recommend that boards over 150mm (6in) in width are installed using the InstaLay Self-Adhesive installation system.
- ✓ If underfloor heating is present, only wood flooring specifically approved for this application should be installed. The surface temperature must not exceed 27°C (80°F). This is critical, as excessive gapping between boards and / or cracking of the top layer may occur if the temperature exceeds this limit. If an electric matting underfloor heating system is used, it must be laid evenly throughout the floor area in order to avoid 'hotspots'. A matting system which is approved for floating floors must be used to ensure a suitable platform is created to install the wood flooring.
- ✓ Conditioning of solid boards is normally a longer process than with engineered boards. Solid wood must be allowed to acclimatise for at least 10 days prior to the installation, whereas most engineered boards can be installed within a couple of days after delivery. Always follow the manufacturer's conditioning recommendations carefully.
- ✓ Prior to installation, it is the installer's responsibility to ensure that all internal site conditions are stable and suitable for the installation. Room temperature of between 18° C - 22°C (65° F - 73°F) and Relative Humidity of between 45% - 65% must be maintained at all times. Failure to maintain these conditions could cause ongoing behavioural problems with the wood flooring product.