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# Engineered Wood Fitting Guide

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# Engineered Wood Flooring Fitting Instructions

- Nail down method – onto existing floor boards
- Nail down method – onto plywood or chipboard
- Nail down method – onto floor joists or batons

## Suitable products:

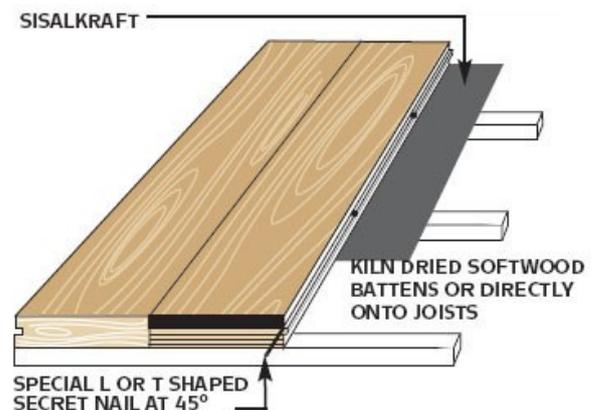
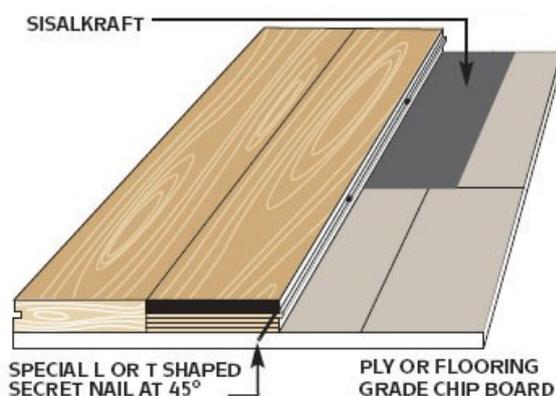
- All 20mm Engineered wood floors
- All 20mm Solid floors up to & including 160mm wide

## Fitting instructions

Once the room has been measured and an allowance made to cover wastage, the moisture content of the sub floor and walls checked and the sub floors confirmed as clean, dry and flat:-

- We recommend that you should lay Sisalkraft heavy duty bitumen backed builders paper under all nail down installations as a precaution against cupping due to damp ingress.
- Plank floors usually work best when laid down the longest wall length.
- Make sure that you inspect each board before you install it.
- The groove of the floor is laid against the wall.
- A gap must be left between the boards and the perimeter wall/skirting.
- This gap is called an expansion gap and must be a minimum of 10mm.
- Plastic spacers are available to create this gap on your starter row.
- Now lay your first row against the wall.
- Use a Primatech nailer with 38mm L nails for floorboards/board products and 50mm for joists.
- The Primatech nailer needs to be properly set up to fire the nail into the correct position and depth into the tongue.
- It is also important that the floorboard is not too tightly fixed to the subfloor. Again this is part of the Primatech nailer set up.
- Nail every 250mm along the board for floorboards/board products or into every joist/baton.
- The support from the grooves on the ends of each board means that they do not have to end on a floor joist/baton.
- Use the off cut from the last board to start the next row, making sure that the ends of the next row of boards are staggered at least 400mm from the previous row. A Parquet Clamp is useful for fitting these first few rows.
- Any damaged boards can be cut in half and also used to start new rows
- Continue across the floor until you reach the last row
- Cut the last row of boards to leave a 10mm gap and then use a Parquet Clamp to edge the final row of boards into place.
- You can install skirting, scotia and L/T section or Reducer as required.
- Your floor should now be properly protected until it is ready for handover.

For solid boards over 160mm wide we recommend that you follow the instructions above with additional use of Unisil adhesive. If over concrete, flooring grade chipboard /ply needs to be installed.



## FITTING INSTRUCTIONS GLUE DOWN METHOD

Onto plywood or chipboard – (with no under-floor heating)  
or onto concrete (with no under-floor heating)

### Suitable products:

- All 14mm and 20mm engineered wood floors
- All 14mm and 20mm Solid floors up to & including 160mm wide
- Wood Blocks and Hand made panels

**For installation over concrete – please additionally follow the preparation instructions as detailed below:**

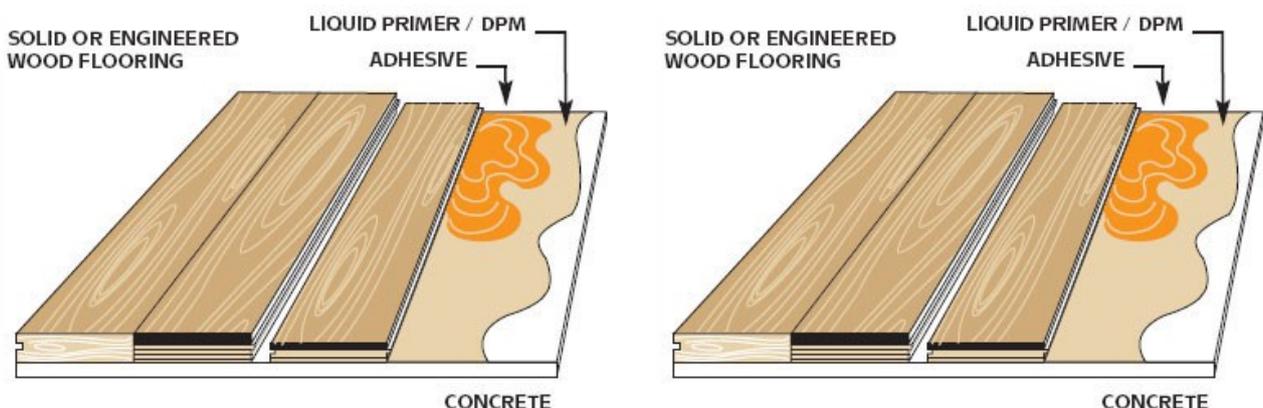
- For all installations a minimum of one coat of Prymerdfast500 should be used
- For sub-floors with a RH greater than 2% ( and less than 5%) you will need to use two coats of Prymerfast 500
- For sub—floors with an RH greater than 5% please call for our specific recommendations

### Fitting instructions

Once the room has been measured, an allowance made to cover wastage, the moisture content of the sub-floor and walls checked and the sub-floors confirmed as clean, dry and flat:-

- Your sub-floor should now be clean, dry and level.
- Plank floors usually work best when laid down the longest wall length.
- For wood blocks/panels you will need to work out where the central axis of the room runs. Laying strings from corner to corner will assist this.
- We advise that you glue several rows of planks at a time.
- Pre-cut these rows, making sure that the board lengths are staggered to ensure that the ends of different boards do not match up.
- Use the off cut from the last board to start the next row, making sure that the ends of the next row of boards are staggered at least 400mm from the previous row. A Parquet Clamp is useful for fitting these first few rows.
- Any damaged boards can be cut in half and also used to start new rows.
- A gap must be left between the boards and the perimeter wall/skirting.
- This gap is called an expansion gap and must be a minimum of 10mm.
- Plastic spacers are available to create this gap on your starter row.
- Make sure that this gap remains even at door ways.
- Once the first few rows of boards are ready it is time to spread the Unisil adhesive.
- The Unisil adhesive needs to be spread using a fine notched trowel-3mm.
- Work across the floor using this method of pre-cutting, gluing and then installing.
- Once the floor is complete clean off any adhesive residues before fully hardened.
- You can install skirting, scotia and L/T sections or Reducers as required.
- Your floor should now be properly protected until it is ready for handover.

For solid boards over 160mm wide we recommend that you follow the instructions above with additional nail fixings at 200mm centres. If over concrete, flooring grade chipboard needs to be installed.



## FITTING INSTRUCTIONS FLOATING METHOD

Onto plywood, chipboard or concrete – (with no under-floor heating)

### INSTALLATION FLOATING

- All 14mm and 20mm engineered wood floors. Never float a solid wood floor

#### Fitting instructions

Once the room has been measured and an allowance made to cover wastage, the moisture content of the sub-floor and walls checked and the sub-floors confirmed as clean, dry and flat:-

- Your sub-floor should now be clean dry and level.
- If the RH of the sub-floor is higher than 2% you must use a underlay with a built in moisture barrier. Plank floors usually work best when laid down the longest wall length.
- You will need to glue Tongue and Grooved based products along the top of the tongue on both the sides and ends with D3 adhesive.
- Click system floors do not require any glue.
- Make sure that you inspect each board before you install it.
- The groove of the floor is laid against the wall.
- A gap must be left between the boards and the perimeter wall/skirting.
- This gap is called an expansion gap and must be a minimum of 10mm.
- Plastic spacers are available to create this gap on your starter row.
- Now lay your first row against the wall and continue down the floor.
- Use the off cut from the last board to start the next row, making sure that the ends of the next row of boards are staggered at least 400mm from the previous row. A Parquet clamp is useful for fitting these first few rows.
- Any damaged boards can be cut in half and also used to start new rows.
- Continue across the floor until you reach the last row.
- Cut the row of boards to leave a 10mm gap and then use a Pulling Iron to edge the final row of boards into place.
- You can install skirting, scotia and L/T sections and Reducers as required.
- Your floor should now be properly protected until it is ready for handover.

For installation over under-floor heating: It is important that your heating system is designed to work in accordance with the flooring manufactures guidelines. You will also need to have your under-floor heating system properly commissioned once your wood floor has been installed to make sure that it operates within these set guidelines.

### INSTALLATION FLOATING

