

Installation Instructions

Product	Dimensions	Locking System Description	Adhesive Recommendations
Apollo / Athena / Hinterland / Hybrid 1200	1220 x 180 x 5.8mm	Unipush™	Tap Fold-down
Apollo Hardwood / Hinterland Longboard / Beechworth II / Hybrid 1800	1830 x 152 x 6.5mm	Unipush™	Tap Fold-down
Apollo XL / Hybrid XL / Oceanic	1500 x 180 x 6.5mm	Unipush™	Tap Fold-down
Artemis / Aurora / Veles	1513 x 223 x 5.5mm	Valinge	Mallet Fold-down
Napier / Beechworth	1813 x 144 x 5.5mm	Valinge	Mallet Fold-down

Godfrey Hirst recommends installation be carried out by a professional flooring installer.

Warning

Prior to any take-up or removal of floorcoverings, adhesives or underlay, you should be certain these do not contain asbestos. If it is known or suspected the previous flooring, adhesive or underlay contains asbestos, you should avoid creating dust and the previous flooring and/or components should only be removed by an appropriately licenced asbestos removal contractor.

General

- Inspect product in good lighting conditions to ensure it is correct (colour, quality and quantity) as ordered. Open boxes cannot be returned. Godfrey Hirst hybrid flooring is for interior use only.
- Note locking systems listed above.
- Generally Godfrey Hirst hybrid flooring does not need to be acclimatised. However, if boxes are exposed to extreme temperatures (under 5°C or over 50°C) within the 12 hours prior to installation, unopened boxes should be acclimatised for a minimum of 12 hours at temperature between 18-27°C and a relative humidity between 30-60% . This temperature and humidity range is to be maintained before, during and after installation.
- Subfloor must be solid, level (2mm over 1000mm), dry and clean. Godfrey Hirst hybrid flooring can be installed over most existing floorcoverings (e.g. ceramic tiles, linoleum, PVC etc.) provided the floor is flat, dry and in the case of ceramics in a residential installation, grout line tolerances are no more than 3mm wide and 3mm deep. Otherwise grout joints should be filled to the level of the tiles with a suitable leveller. Carpet, carpet underlay and/or existing floating floors is not a suitable subfloor.
- Install a plastic sheet over rough subfloors such as chipboard to ensure the product's backing does not get caught on the rough subfloor.
- Minimum 6-10mm expansion gaps to be provided at all fixed vertical surfaces (including around cabinetry, island benches and all fixed furniture).
- Check each board for visual defects and locking system integrity in optimal lighting before and during installation. Clean any debris out of locks before installation. Always use boards from several packs and inspect each board to get the best balanced visual installation. Never install defective product. Installation is recognised as acceptance of all visual defects.
- Boards can be cut with the score-and-snap method for straight cuts, and with clippers for complex cuts. If cutting boards using any type of saw, dust extraction and/or respiratory protection must be used.
- Skirting boards or Godfrey Hirst scotia and/or end caps will be needed to cover the perimeter expansion gap. Alternately, the skirting boards can be undercut. Fixings should be to the wall only, never directly to the floor. Silicone or caulking compound is not recommended. Godfrey Hirst has water resistant accessories to match/complement the hybrid flooring.
- Minimum width of boards for first and last rows is 50mm. End stagger of joins in rows should be minimum 300mm.
- Ensure that the first 3-4 rows are checked for straightness using a string line. Continue to check for straightness at all stages of the installation.
- Godfrey Hirst hybrid floors are extremely stable and can installed in individual rooms up to 30m long and 15m wide. In complex or multi room installation, internal expansion joints at doorways / thresholds are required.

Hybrid Floors Fold-Down



Australia / New Zealand

Hybrid

Wet Area Installation

If your Godfrey Hirst hybrid flooring is being installed in a wet area:

- **Check to ensure product suitability/compliance with your local building code.**
- Free standing bathtubs should not be installed on a hybrid floor as it needs to float.
- If a floor waste is installed in the area a hybrid floor is not suitable as it needs to float.
- Following the instructions set out in the Installation Procedure above separate/isolate the wet area from the balance of the floor/area with a Godfrey Hirst t-mould, end cap or similar at the doorway or other adjoining areas and seal the perimeter of the wet area floor using a bathroom grade soft silicone to prevent moisture seeping under the floor.
- Please contact Godfrey Hirst for detailed installation instructions.

Do not allow water to pool on the floor for any long periods of time. Wet towels or bath mats should never be left on the floor to dry.

Please note:

1. Although Godfrey Hirst hybrid floors are waterproof, it should not be used as a moisture barrier, and should not be installed in areas that have a continual risk of excessive moisture/flooding such as saunas or outdoor areas. If being installed in a wet area (e.g. bathroom, laundry etc.) please refer to the Wet Area Installation note below.
2. Hybrid floors must be installed using a floating floor system – they need to be able to move. Ensure expansion gaps allow for movement, and furniture items exceeding 200kg are not placed on the floor.
3. Insufficient expansion gaps, including in doorways and under trims, will cause a floor to potentially buckle, peak, cup, and/or separate, leading in most cases to floor failure.
4. Godfrey Hirst hybrid flooring should never be installed over any electrical radiant heating system - the speed of sudden temperature changes having the potential to negatively affect the floor. Godfrey Hirst hybrid flooring may, if properly installed, be installed over hydronic underfloor radiant heating systems. Please contact Godfrey Hirst for detailed installation instructions.
5. Uneven subfloors can cause the locking system to break and/or the floor to sound drummy, or become noisy, and will cause early deterioration and/or failure of the floor.
6. Godfrey Hirst hybrid floors are not recommended for hairdressing salons.
7. Care and Maintenance Instructions must be followed to maintain the product warranty. Please ensure these instructions are left with the occupier.

Hybrid Floors Fold-Down

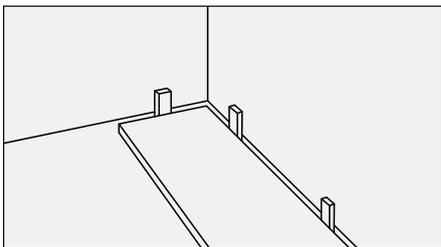


Australia / New Zealand

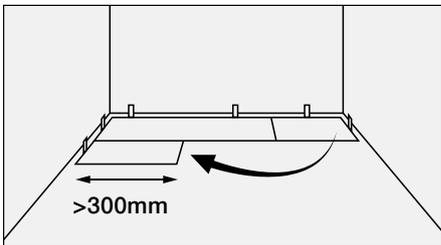
Hybrid

Detailed Drawings

1. Perform preparation works including (but not limited to) any levelling, undercutting of door jambs and/or skirting boards.
2. Hybrid floors are normally installed adjacent the longest run where possible. Plan your installation, refer to note 8 below, which may necessitate trimming the first row.
3. Start in the left corner, install the first row. Leave a minimum expansion gap of 6-10mm at ends and sides. The amount of expansion is dictated by the expected temperature fluctuations in the building. As a general rule, leave as much expansion as possible to allow for excessive temperature fluctuations.

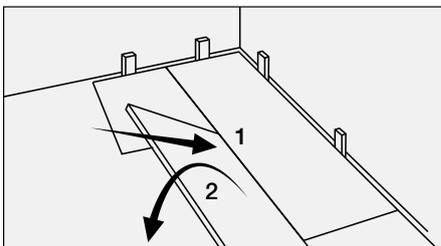


4. **Install the second row:** Use the off-cut from the first row to start the second row. It must be $>300\text{mm}$, and not closer than 300mm from the end join in the previous row.



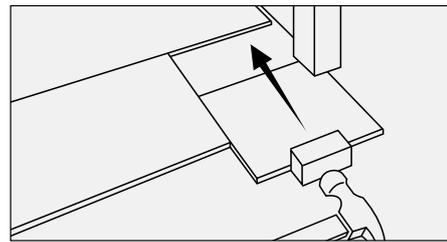
Tap Fold-down (Unipush™): Long side first, then fold down and gently tap the end-join ensuring it is properly aligned.

Mallet Fold-down (Valinge): Long side first, then fold down and align carefully, then hit with a mallet to lock.

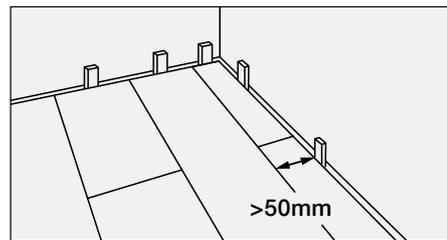


Check to be certain all planks are fully engaged; if slight gapping is noticed or the planks will not lay flat, simply disengage the long/top side joint and then carefully slide the short/end joint apart. Do not pull up on this joint as it will damage the locking mechanism. Reinstall the plank.

5. Continue laying the floor. Place wedges/packers to ensure the required expansion gap is respected.
6. At doorways, trim the male part of the end click so the board can slide under the architrave. Use a PVC glue for the trimmed joint, engage the long side of the board and use a tapping block to engage the short end of the board.
7. At other fixed points, such as heater vents or fixed pipes, leave an expansion gap.



8. The final row must be a minimum 50mm in width. Glue the last row's end joins with PVC glue.



9. Internal expansion gaps are required at doorways/thresholds and rooms exceeding 30mx15m.
10. Remove spacers/wedges from around the room and install skirting boards and/or Godfrey Hirst scotia and/or finishing trims (in accordance with Godfrey Hirst accessories installation guidelines). Never fix any trims directly to the floor and ensure fixing does not compromise expansion gaps. Silicone or caulking compound is not recommended.

NOTE: If necessary, to disassemble your Godfrey Hirst hybrid floor, separate the whole row by lifting it up carefully at an angle. To separate the planks, leave them flat on the ground and slide them apart. If planks do not separate easily, you can slightly lift up the planks (5°) when sliding them apart.

Care & Maintenance

Congratulations on selecting a quality floor designed with easy care and maintenance in mind. To help enjoy the longevity of your floor for many years to come, follow these simple steps:

Cleaning & Care

1. **Immediately** – clean up any liquid or water based spills or any other potentially staining marks using a dry clean cloth. Though Godfrey Hirst hybrid floors are waterproof, don't leave liquid/water based spills there just to test it. Godfrey Hirst floors are resistant to most spots and stains, however some materials or colourants (such as tar, grease, oil, dyes, waxes, ball point, marker pens, or foods/beverages containing strong dyes as mustard, curry, cordial, coffee, tea etc.) may under certain conditions migrate into the wear layer causing indelible stains.
2. **Daily or as required** – remove any loose dirt or grit which could damage the floor by sweeping with a soft dry broom or vacuum (preferably with an effective dust filter and suction nozzle for hard surfaces turning off a powerhead, if installed).
3. **Weekly** – damp mop the floor using water and a PH neutral cleaner to remove any footprints, dirt and other stains or marks.
4. **As required** – stubborn scuffs and stains can easily be removed using a damp cloth or sponge with a diluted solution of methylated spirits. Ensure the methylated spirits is completely rinsed from the flooring.
5. Never use a steam-mop or steam-cleaner.
6. Never use abrasive cleaners, nylon scouring pads, steel wool, scouring powder or bleach as they may damage the floor.
7. Never use oil, soap, wax or polishes as these finishes may make the floor slippery and can leave a dull finish on the floor.
8. Place entrance mats (which must not have a rubber backing) at all external doors to trap dirt, sand, grit, moisture and other substances from shoes:
 - a. Double entrance mats are required for residential installations – 1 coarse external mat, and 1 medium internal mat.
 - b. Triple commercial mats with a minimum walk off zone of 3.5 metres are required for commercial installations – refer to mat manufacturer. Mats must be cleaned regularly.
9. Use non-staining felt protectors under heavy pieces of furniture. Fit office chairs, filing trolleys, mobile containers and old hard or sharp edged castors on furniture with soft treads or castors. Chair pads should be used under desk chairs with castors.
10. Heavy objects and furniture such as large bookcases, full sized billiard tables, freestanding bathtubs or kitchen units should not be situated on any floating installation. This can lead to the floor failing to respond to contraction and expansion, which can cause squeaking, gapping and possible failure.
11. Never drag, slide or roll furniture or appliances across your floor. Protect the surface if using a trolley to move heavy objects.
12. Floor to ceiling windows coupled with the Australian/New Zealand sun can create floor surface temperatures over 70°C. Godfrey Hirst hybrid flooring is manufactured to be stable in low and high temperatures (0-55°C). However, your floor should be protected from extreme temperatures and strong direct sunlight by the use of interior temperature and humidity control (recommended temperatures 10-30°C and relative humidity levels between 30% and 70%), window tinting, awnings and/or curtains/ blinds. Dramatic temperature changes and/or extreme humidity can cause joints to lip/gap and prolonged direct sunlight will cause fading.
13. Pet claws can scratch the flooring. Keep nails trimmed.
14. Spiked heels or shoes in need of repair can severely damage your floor. In areas of excessive traffic and wear, make use of runners or area rugs. Rugs should be cleaned regularly.

Maintenance

1. Hybrid floors are maintained by the above CLEANING & CARE instructions.
2. Hybrid floors cannot be sanded.

Commercial Installations - Additional maintenance may be required for commercial installations. A copy of the Godfrey Hirst Commercial Cleaning and Maintenance Guide is available at www.godfreyhirst.com/au/commercial/technical/installation-maintenance