

## Installation Instructions

### General

Godfrey Hirst Vinyl Sheet (Direct Stick) Installation Guidelines should be reviewed by installers prior to commencement of installation. All installations should be in accordance with NZS/AS 1884:2013. Should you have any queries in relation to the below recommendations, please contact your retailer or Godfrey Hirst Floors representative.

Godfrey Hirst vinyl sheet floors have been tested and are recommended for use with the adhesives in the Godfrey Hirst Adhesive Recommendations list. Godfrey Hirst cannot guarantee the performance of products installed with any other adhesives.

**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.**

### Pre-Laying Checks

It is the installer's responsibility to verify that the product supplied is the correct product, colour, pattern and quantity, prior to installation and in good natural light, check for any obvious visual defects. If incorrect, contact your retailer or Godfrey Hirst Floors representative.

### Site Testing & Conditioning

Concrete sub floors must be tested in accordance with NZS/AS 1884:2013 for moisture using the relative humidity in-situ probe test and pH.

RH levels should not exceed 75% and pH levels should not exceed 10.

Godfrey Hirst Vinyl Sheet products must be allowed to condition on site for a minimum period of 24 hours in a dry, well ventilated area with an air temperature between 15°C and 26°C and a minimum floor temperature of 15°C. The temperature must remain within this range for the entire installation period and a minimum of 48 hours after installation completion. For optimum bond strength during and 48 hours post installation, the ambient relative humidity of the area where the products are to be installed must not exceed 60% or fall below 30%.

Godfrey Hirst Vinyl Sheet rolls should be stored in an upright position. If storing flat absolute care must be taken to avoid any indentation damage. Be careful when stacking rolls. Falling rolls can cause harm to people, the environment and may damage the product.

### Sub Floor Preparation

Subfloor must comply with NZS/AS 1884:2013 and be solid, level, dry, smooth, clean and free from all contaminants and substances which could be harmful to vinyl or adhesive. The installer must inspect and approve the subfloor as satisfying these requirements prior to installation. If required, remove any contaminants. Do not install over existing floor coverings as any such installation may void warranty.

### Installation Procedure

Vinyl sheet should be carefully checked prior to installation. Never install defective product. If the product has any visual defects or damage, contact the retailer. Godfrey Hirst will not be responsible for any visible defects after the flooring has been cut and/or installed.

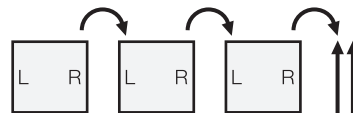
Godfrey Hirst recommends that the rolls are cut to approximate installation size 24 hours before installation.

Rolls of Godfrey Hirst vinyl sheet are marked with a batch number. When using more than one roll, ensure the rolls have the same batch number in sequence when installing side by side or in the same room area.

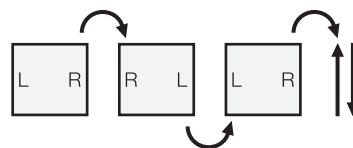
Before applying adhesive, loosely lay a small quantity of product and view from a distance that allows you to clearly see the overall effect. If there is any doubt cease installation immediately and contact your retailer or Godfrey Hirst Floors representative.

### Installation Instructions

1. Prepare the subfloor in accordance with NZS/AS 1884:2013 as set out in these instructions.
2. Cut off the lengths of material longer than the net size measured. When cutting to size please consider the nature of the design and pattern repeat.
3. In case of wood designs and tile styles, Godfrey Hirst recommends that every sheet be installed in the same direction.



- a. In the case that the design is one all over colour or design, Godfrey Hirst recommends that every sheet is rotated (180 degrees).



- b. If there is doubt, contact your retailer or Godfrey Hirst Floors representative.

4. Place sheets in position. Cut seams with the double-cut method and trim to size.
5. Fold back half of the sheet ready for the application of adhesive.
6. Prior to using the adhesive, contact the manufacturer to confirm the spread rate and open time for site conditions as this can affect the bonding capability and performance of the floor covering. Please see Godfrey Hirst recommended adhesive guide for a list of suitable adhesives.

7. After applying the adhesive, install the sheet floor covering avoiding bubbles, compression, and tension. Check that the seams are butted together neatly, do not compress the seams as this will cause "tenting".
8. When a section has been installed it should be rolled in both directions using at least a 45kg roller or a 3-section roller to ensure a full adhesive transfer.
9. Repeat steps 3 – 8 with the second half of the sheet.
10. Heavy traffic or wet cleaning should not be allowed on the installation for a minimum of 72 hours. This will ensure the adhesive reaches its full bond strength at a temperature between 15-26 degrees Celsius.
11. After installing the sheets, ensure all joints are welded. Allow the vinyl sheet installation to set for 24 hours before welding joints depending on adhesive used and site conditions.

## Welding

Welding is the only option for ensuring closed and tight seams. This is important for water tightness and bacteria resistance. Hot welding is only recommended on commercial products. Cold welding is suitable for residential and commercial use. Godfrey Hirst recommends Werner Muller seam sealer Type A and Type C.

## Post Installation

If construction work is still underway, the floor should be protected from site debris, dirt, soil, traffic etc by use of a protective surface (eg sheet plastic, hard board etc). It is recommended that plywood be placed over the floor during the removal or replacement of furniture or any heavy objects within 48 hours of the installation. Please be careful to ensure no condensation occurs and any adhesive tape or protective material does not damage the surface or affect the aesthetics of the finished installation.

Prevent the floor from coming into contact with water for the first 72 hours after installation.

## Underfloor Heating

Godfrey Hirst vinyl can be used with underfloor heating systems and flooring should be laid in accordance with NZS/AS 1884:2013.

Wired electrical systems are not recommended unless they are encased in 6mm of suitable levelling compound. Please contact your floor preparation provider for suitability.

The heating systems can be turned on 72 hours after the completion of the installation, with the temperature gradually increased (1-2°C per 24 hours) over a 7-day period until the normal operating temperature has been reached. Thereafter the temperature should always be increased or decreased gradually (1-2°C per 24 hours) for the lifetime of the installation.

The maximum surface temperature of the concrete slab should not exceed 26°C at all times. Be mindful of rugs and rug placement as these can trap heat. The floor can heat up underneath a heavy rug beyond the maximum temperature of 26°C.

### Please Note:

Godfrey Hirst's Vinyl Sheet Installation Guidelines are intended to assist in achieving an optimum installation. Any variation to the recommendations above by installers will affect any warranties.

Care and Maintenance Instructions must be followed to maintain the product warranty. Please ensure these instructions are left with the occupier.

For further information, please contact your local Godfrey Hirst Floors representative.