

Laminate Flooring

New Zealand

E3 Internal Moisture Building Code - Alternative Solution 3.0 Water Splash

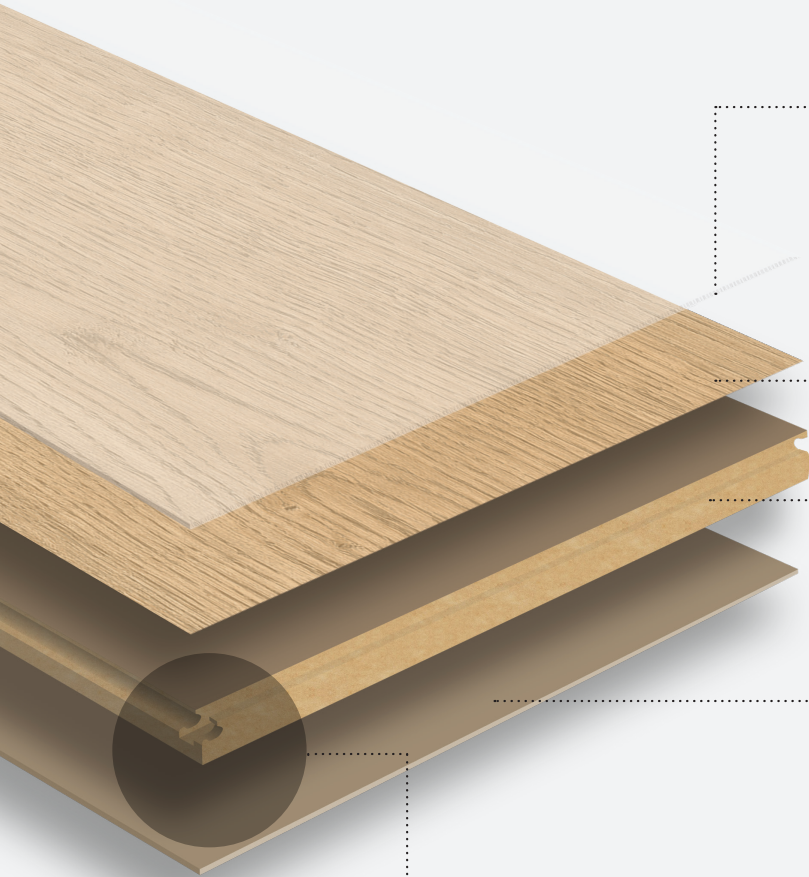
Please find below Godfrey Hirst requirements for flooring when submitted as an alternative solution.

Please find the following methodology and technical statements to meet the current requirements for the kitchen, bathroom, toilet, laundry and powder room where there are sanitary fixtures and sanitary appliances in place.

Please ensure that this is submitted alongside adherence to Godfrey Hirst technical specifications, installation instructions and care and maintenance guidelines.

Please note building design, substrate and type of use as there may be further requirements to meet 2.0 overflow and containment using other building elements.

Product Schematic



1. The wear layer is enhanced with aluminum oxide, providing excellent scratch and impact resistance, resulting in an extremely durable finish.

2. The decorative layer provides design aesthetics and definition of colour.

3. The core is made from high-density fibreboard (HDF) and provides stability and impact resistance.

4. The melamine bottom balancing layer preserves structural and dimensions stability

Uniclic locking system providing tight surface joins

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Product Range Identification

All sanitary areas, fixtures and sanitary appliances in place:

- Amor
- Amor Wide
- Elevate
- Legacy
- Fika 0v / 4v
- Suite Wide

In Service History

Godfrey Hirst are a part of the Mohawk Industries Group which manufactures and distributes a wide range of laminate products designed for domestic and commercial spaces. There is a long successful history both globally and here in New Zealand. Manufactured in Belgium, our laminate operations are vertically integrated, from the production of HDF core to impregnating resins and adhesives, ensuring end-to-end consistency and quality.

Factory Applied Finish – Heat Cured Melamine Resin

Godfrey Hirst laminate board surfaces are finished with an impregnated layer which is highly resistant to scratches, impact and everyday wear and tear. The face layer is hygienic, easy to clean and suitable for wet area applications. Please refer to product technical data sheets and note the range you are using and wet area requirements.

Uniclic Interlocking board mechanism provides tight and strong jointing system

Uniclic is the global innovator of laminate and its patented system is used across flooring platforms worldwide. The Uniclic profile is presented on the long and short side of each plank. Once installed the planks are pre-tensioned which pulls the planks closer together. This system provides protection from water splash and everyday spills.

Underlay System

Made from high density closed cell poly-olefin, Godfrey Hirst underlays Arriba and Arriba Plus are noise reducing, insulating and provide moisture protection. Our underlay systems incorporate a clear damp proof layer complete with overlap, and peel and stick side adhesion for easy and continuous installation. Installed plastic side up, our underlays provides a protection from water and water vapour transmission. They will not mould, nor mildew and will not hold moisture.

Protection of Perimeter

Hydro kit. (or similar low modulus) High-quality waterproof, transparent and elastic one-component joint sealant. Designed for watertight sealing of connection joints between skirting boards, walls and trim profiles. Sealant to be used for the protection of floor and floor perimeter from the risk of splash providing sealed edges 1.5 meters from all sanitary fixtures and sanitary appliances.

Easily Cleaned

Godfrey Hirst floors are easily cleaned using a vacuum or soft broom. Weekly mop the floor using a well rung out damp mop and a non-abrasive soap-free cleaner suitable for laminate floors to remove any footprints, dirt and other stains or marks. Refer to our online care and maintenance guides.



Installation Method

Floating Floor System

Subfloor must be solid, level (2mm over 1000mm), dry (75% or less relative humidity) and clean. Do not install over existing floor coverings as any such installation may void warranty. Any subfloors must comply with NZ/AS:1884. Moisture and surface PH tests should be undertaken prior to installation and results recorded and retained.

Install Arriba or Arriba Plus high density, 2mm closed cell foam underlay with integrated damp proof membrane and completely tape all joints with moisture resistant tape. Run underlay at least 50-100mm up all vertical surfaces and trim back after installation. Ensure underlay is overlapped and taped.

Please ensure all Godfrey Hirst Installation guidelines are followed through out the entirety of the installation.

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 should only be used in wet area applications. Please refer to detailed installation guide and use of Hydrokit sealant as noted.



Spaces Containing Sanitary Fixtures, Appliances And Installation Requirements

Please take care when selecting Laminate flooring to ensure the product chosen is specified and warranted for your area of use. Refer to Godfrey Hirst technical specifications and Care and Maintenance guides on our website for product specific detail.

All wet areas require isolation with an internal expansion break at the doorway/threshold area. Use Godfrey Hirst 5/1 Trim or similar.

To achieve moisture protection in wet area installations, fill gaps (where required*) with PE Rod (optional) and flexible mould resistant sealant.

Kitchens, integrated laundry and powder rooms. Apply sealant to skirting, toe kicks, and perimeter within 1.5 meters of a sanitary fixture or sanitary appliance.

Bathroom, toilet and laundry. Apply sealant to the entire perimeter of the floor and around sanitary fixtures and sanitary appliances.

See Hydrokit technical data sheet for further detailed drawings.

Please contact Godfrey Hirst for guidance on use of any free standing baths, as the use of these may restrict the floors ability to perform and could void the warrant.

Please note that fixed floor mounted drains are not suitable for Godfrey Hirst Laminate Floors as these restrict the floors ability to expand and contract. Please contact Godfrey Hirst further information if required.

Godfrey Hirst Supporting Literature Available Online and on Request

- Technical Data Sheets specific to each laminate range.
- Installation instructions for floating systems.
- Care and Maintenance guidelines for end consumer.
- Godfrey Hirst Residential and Commercial warranty covering the use of laminate floors in wet areas.
- Testing Certification – VOC – Slip – Fire – Acoustic - Sustainability.
- Topical moisture resistance assembled joint ISO: 2022

Please also refer to E3 Internal Moisture Building Code for further information and pathways for compliance specific to your building requirements. Please note alternative pathways for compliance can be achieved with building design elements depending on the building type and area of use. ie: Flow restrictors and floor wastes. If in doubt, contact your local council for further information.

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