

E3 Internal Moisture Building Code - Alternative Solution 3.0 Water Splash

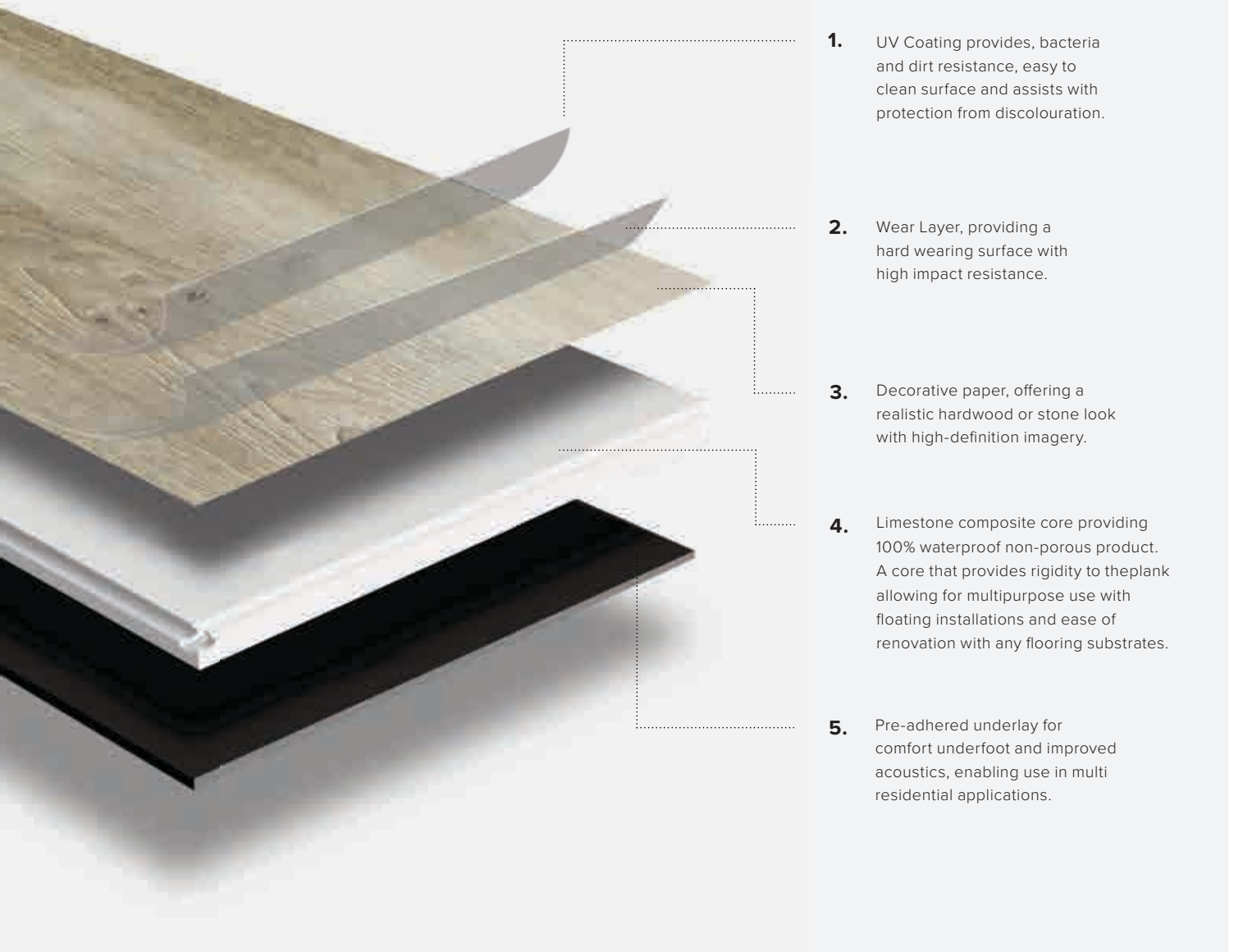
Please find below Godfrey Hirst requirements for Hybrid flooring when submitted as an alternative solution.

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 Hybrid 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



Product Range Identification

All wet area applications:

- Metropol 1500
- Metropol 1200
- Apollo 1500
- Apollo Stone

In Service History

Godfrey Hirst are a part of the Mohawk Industries Group which manufactures and distributes a wide range of Hybrid products designed for domestic and commercial spaces. There is a long successful history both globally and here in New Zealand.

Our Hybrid planks are manufactured with a limestone compositecore providing a 100% waterproof non-porous product.

Plank Composition and Finish

Godfrey Hirst Hybrid planks are manufactured with a limestone composite core providing a 100% waterproof non porous product.

Further surface protection is provided with applied wear layer and coating technology providing hygienic, durable and impervious surface.

Uniclic Interlocking board mechanism provides tight and strong jointing system

Uniclic is the global innovator of Unilin is the global innovator of uniclic locking mechanisms. This 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.

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. Bathroom, toilet and laundry. Apply sealant to the entire perimeter of the floor and around 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 Hybrid floors to remove any footprints, dirt and other stains or marks. Refer to our online care and maintenance guides.



Installation Method

Floating Floor System

Sub floor must be solid, level (2mm over 1000mm), dry (90% or less relative humidity and clean). Godfrey Hirst hybrid can be installed over most existing floor coverings e.g. (ceramic tiles, linoleum, PVC) provided the floor is flat, dry and in case of ceramics in residential installation, grout line tolerances are no more than 3mm wide and 3mm deep. Otherwise grout lines should be filled to the level of the tiles with suitable leveller. Carpet, carpet underlay and /or existing floating floors is not a suitable sub floor.

Please ensure all Godfrey Hirst Installation guidelines are followed throughout 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 Hybrid 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 Hybrid 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 Hybrid range.
- Installation instructions for floating systems.
- Care and Maintenance guidelines for end consumer.
- 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.