

Vinyl Plank Flooring

New Zealand

E3/AS1 – Alternative Solution Lining Materials - 3.0 Water Splash

Please find below Godfrey Hirst requirements for Vinyl plank flooring when submitted as an alternative solution to meet E3/AS1 Amendment 7 – effective from 5th November 2021.

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

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

Product Schematic



- 1.** Protective layer: protects your floors from dirt, stains and scratches, and makes them easy to clean and maintain.
- 2.** Decor film: the high-grade printing technique used for this layer gives your Vinyl floor its unique and authentic design appearance.
- 3.** Waterproof and sound-reducing Vinyl floor additional dimensional stability.
- 4.** Stabilising layer: this layer contains super dense fibres to give the Vinyl plank floor additional dimensional stability.
- 5.** Impact-resistant Vinyl plank backing: Water proof layer guarantees a perfectly balanced floor board which prevents cupping or warping.

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Product Range Identification

All wet area applications:

- Aaria DS/DS Plus
- Regent 1200 / 1500
- Vega DS
- Olympus
- Avvio

In Service History

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

Plank Composition and Finish

Godfrey Hirst vinyl planks are a multi layered PVC based product providing 100% waterproof and non porous product. Further surface protection is provided with applied wear layer and coating technology providing hygienic, durable and impervious surface.

Fully Bonded Installation system provides waterproof surface

Use of adhesives tested and approved by Godfrey Hirst - Wet area application provide protection of the floor surface and plank edges. Once installed the surface is fully bonded, providing long term protection from prolonged water on the top surface.

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, fittings.

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 Vinyl floors to remove any footprints, dirt and other stains or marks. Refer to our online care and maintenance guides.



Installation Method

Fully Bonded Glue Down System

Sub floor must comply with NZS AS 1884 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 sub floor 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.

Only use Godfrey Hirst recommended Hard-Set Adhesive (in accordance with the relevant Godfrey Hirst Adhesive Recommendation guides online). Please note requirements for high temperature areas, Areas exposed to direct/strong sunlight, and all wet area installations.

Silicone to be used in wet area applications. Please refer to detailed installation guide and use of Hydro kit sealant as noted.



Wet Area Installation Requirement

Godfrey Hirst vinyl plank flooring is suitable for all area use. Please note the system application and adhesive requirements pertaining to your area of use. Refer to Godfrey Hirst technical specifications and Care and Maintenance guides on our website for product specific detail.

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.

Godfrey Hirst Supporting Literature Available Online and on Request

- Technical Data Sheets specific to each Vinyl range.
- Installation instructions for fully bonded flooring systems.
- Care and Maintenance guidelines for end consumer.
- Godfrey Hirst adhesive guidelines and recommendations specific to the area of use.
- Testing Certification – VOC – Slip – Fire – Acoustic - Sustainability.

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.