

E3 - Alternative Solution Compliance Statement: Armstrong Flooring Hybrid Products

Acceptable solutions for water splash areas including kitchens, laundries, bathrooms, and toilet areas where a building consent for new or refurbished work is required.

This document provides guidance in regard to the comment under section 3.1.1 Floors (under section 3.0 Watersplash) that states “other floor finishes may also be capable of satisfying the performance for impervious and easily cleaned if installed in a manner that prevents gaps or cracks within the finish and at any parts of its perimeter that are exposed to water splash, and/or if the surface is sealed with a suitable durable coating”.

When Armstrong Flooring hybrid products are installed in accordance with the relevant Armstrong Flooring Hybrid Flooring Installation Instructions (available at the relevant product’s Downloads tab at www.armstrongflooring.co.nz) and as set out below, the product and systems meet the requirements of the E3 building code verified as being an acceptable solution as follows:

- In-Service History – Armstrong Flooring products have a proven record of performance and service history in the Australasian market.
- Laboratory Testing – results available upon request

Impervious surface

All Armstrong Flooring hybrid products are manufactured with Cerashield surface technology which uses a PUR coating with ceramic bead to provide a durable, stain resistant and impervious waterproof surface. Armstrong Flooring hybrid ranges also use a patented angle/angle locking system (manufactured under licence from Unilin BV) for quick and easy installation and to provide resistance to water penetration where water splash may occur. Armstrong Flooring’s hybrid products including this click system will not be adversely impacted by moisture during normal use as water splash or everyday spills or as part of the cleaning.

Protection of Perimeters

Perimeters of the installation which may be exposed to water splash should be sealed with a bead of silicone providing sealed edges 1.5 metres from all sanitary fixtures of wet rooms/water splash areas of open plan rooms to prevent water ingress and allow for easy ongoing maintenance. Sealant should not be used for the general filling of expansion gaps.

The potential wet area should be isolated from the main floor using an expansion joint system or similar at door junctions.

Outside of water splash areas, Armstrong Flooring’s Hybrid Flooring Installation Instructions should be used.

Cleaning

Armstrong Flooring hybrid flooring products are easily cleaned as set out in the Armstrong Flooring Cleaning & Care Instructions available at the relevant product’s Downloads tab at www.armstrongflooring.co.nz.

Additional information

Where the above information is not followed the retailer, contractor, and/or installer is responsible to confirm any proposed changes to the prescribed systems are thoroughly investigated to ensure conformance to **E3/AS1**.

Armstrong Flooring should be consulted prior to any changes outside this statement.