

MyEstate Engineered Timber Flooring



MyEstate E3/AS1 Alternative solution

NZ BUILDING CODE was changed on 01.11.2021.

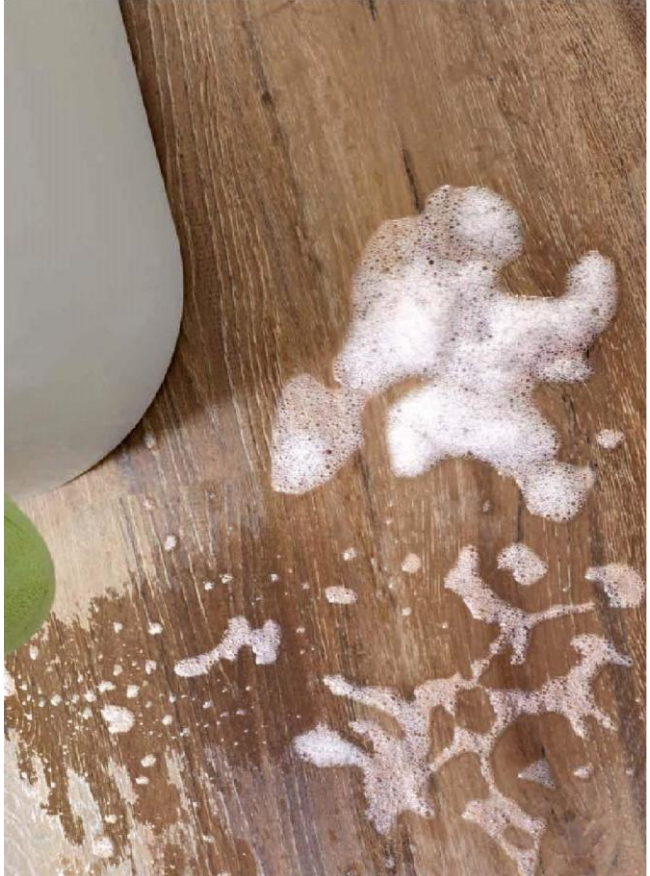
The amendment states:

“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”

Alternative solution

MyEstate Engineered Oak flooring’s when installed following this engineered flooring installation guide and requirements will comply as an alternative solution in kitchens, sculleries, bars, toilets and laundries where there are sanitary fixtures and sanitary appliances.

MyEstate Engineered Oak Flooring is not recommended for installation in bathrooms.





Wood Flooring Alternative Solution

MyEstate Engineered Oak Wood Flooring is a great alternative solution due to:

- Being Impervious
- Easily cleaned
- Having a Durable coating

A Polyurethane (lacquer) and Wax oil coating have been applied to create a good protection against the solid wood layer.

A Plywood core helps the flooring retain its shape and stability.

The backing layer is wooden veneer providing additional stability and foundation to the board.

[1] Impervious

The following points outline how water cannot damage the timber flooring or subfloor structure.

[1] Product

[1.1] Product joint

The floor has two joint methods, one is Click-lock, the other is T&G.

[1.1.1] **Click-lock system** - once installed one plank is sealed by the other plank. This system provides protection from water splash. This system is Suitable for floating and glue down flooring installation.

[1.1.2] **T&G system** - each piece has a slot (the groove or dado) cut all along one edge, and a thin, deep ridge (the tongue) on the opposite edge. The tongue projects a little less than the depth of the groove. This system is Suitable for glue down flooring installation.



[1.2] Product Coating

Our polyurethane (Lacquer) and hard-wax oil flooring product is a modern wood finish that is commonly used on flooring. It is fast drying, impervious to water, and maintains its transparency as it ages. Lacquer finishes are popular because they don't yellow with age, protect well against liquids, and require very little maintenance.

[1.2.1] Polyurethane (lacquer) finishes the product surface sealing it with a suitable durable coating. It is worth noting that water-based polyurethane coatings are included under point 2.3.3.1 of the code of practice for wet area membrane systems under 2.3.3.1 E3/AS2 as “water-borne polyurethane and polyurethane hybrids”.

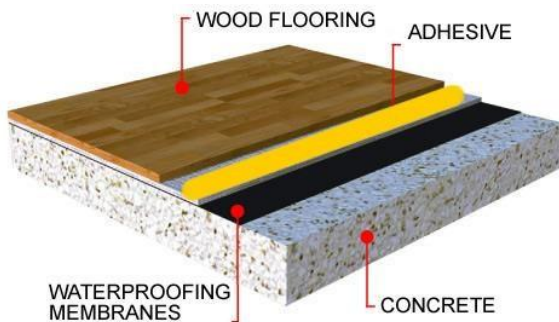
[1.2.2] Hard Wax oil forms an elastic, microporous surface that protects the wood from external moisture and abrasion. The UV Curing process in the factory gives UV Oiled Floors a consistent sealed coating. This film is flexible and creates a soft matte finish that is water-repellent.

[2] Installation

Installation methods to ensure water impermeability. Glue down and floating.

[2.1] Glue Down

Fully Glue-down installation for all timber flooring products will achieve an Alternative Solution approval as it completely minimizes the natural movement of the timber which prevents gaps or cracks within the finish.



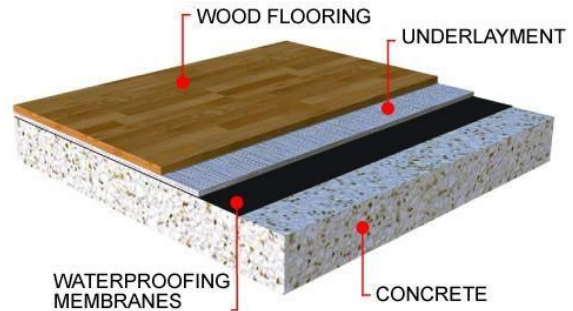
The adhesive adheres 100% to the sub-floor and forms a seal that makes it impermeable.



We require that installation guidelines must be followed when installing floors in wet areas.

[2.2] Floating Underlayment

Installing underlay will 100% cover the subfloor before installing the timber wood flooring. Underlay creates a waterproof barrier and is sealed between the subfloor and the flooring.



Underlayment is the spongy, closed-cell plastic foam sheet that comes in rolls. Has an air and moisture-tight seal, the underlay is Impervious.



We require that installation guidelines must be followed when installing floors in wet areas.

[3] waterproofing sub-floor

Bostik Dampfix Gold waterproof polyurethane is one option.

Waterproofing membranes cure to form an elastic waterproof seal that can be applied using a roller, brush or an airless spray gun. As polyurethane membranes cure, they form a waterproof seal that is free of seams. Approved AS/NZ 3740.



[3.1] Both glue down and floating require 100mm Bostik Dampfix Gold waterproof membrane (or similar product) return applied up Wall.

