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Power Dekor Engineered Hardwood Flooring to be as an alternative solution to NZ Building Code E3

E3 – Amendment 7 to Acceptable Solution E3/AS1 for Internal Moisture

With the new E3/AS1 taken into place from 5 November 2021, one of the main changes is that Amendment 7 now includes the kitchens, laundries, basins and sinks as Sanitary Fixtures. There is a requirement for ensuring flooring solutions which must now have a finish that is both impervious and easily cleaned extending at least 1.5 meters from all sanitary fixtures and appliances.

With our Engineered Hardwood Flooring, we have discovered the below methods that our flooring can be an alternative flooring material which is able to be used in the affected areas.

Under E3/AS1, 3.1.1 Floors-Comment:

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 watersplash, and/or if the surface is sealed with a suitable durable coating.

With Power Dekor Engineered Flooring, a fully glue down system (Using Selleys Direct Stick adhesive) must be carried out during the installation, no floating floor at all.

Selleys VBS Moisture Barrier will be applied as a protection layer against moisture penetration on top of concrete slab or wood substrate.

A 5mm Rubber Cork Acoustic Underlay is required to be fully glue down to the substrate if IIC is needed by building code for certain project.

Plus, a D3/PVA Glue will be applied along the four sides of the flooring plank edges for affected areas and apart 1.5 meters that contains sanitary fixtures and appliances. This will prevent any water coming through from the flooring seam and will not be able to damage any underneath.

Waterproof flexible silicone will be applied for any parts of the flooring perimeter that are exposed to sanitary fixtures and appliances, including 1.5 meters away from the fixtures and appliances.

Note:

All Power Dekor Engineered Hardwood Flooring come with factory pre-finished 5-7 layers of polyurethane coatings which means the surface of the flooring is water, dust, and stain resistant, the flooring can be used in the kitchen area, and we have successfully laid hundreds of properties across New Zealand. With its 5-7 layers of polyurethane coating protection, it will absolutely satisfy the needs of suitable durable coatings from E3/AS1-3.1.1.

The Flooring Is Easily Cleaned.

Power Dekor Engineered Hardwood Flooring is easily cleaned using a vacuum and a damp mop and we can certainly supply the care and maintenance instructions to our customer to help them take care of their beautiful new floorings.