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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.

The flooring will be installed as a floating system over a waterproof and sound-resistant 3mm IXPE Premium Acoustic Underlay (IIC 55), if the water penetrates from the flooring joints, it will not be going on the concrete but sitting on the underlay. **A moisture barrier is not applied on existing substrate in kitchen area.**

To prevent any splash water from kitchens to penetrate from the flooring joints, we will be using D3/PVA Glue along the four sides of the flooring plank edges to seal the joint, the area will include anywhere within 1.5 meters that contains sanitary fixtures and appliances, sink, dishwasher, fridge.

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.

Please advise if one coat of moisture barrier is required in the kitchen area for multi-dwelling apartment.

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 coating protection, it will 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.