

E3/AS1 Amendment 7, 5th November 2021

Alternative Solution for use of Timber Overlay Engineered Flooring where there are sanitary fixtures and sanitary appliances.

Product Range: Vienna Woods, ESTA

Note: Projects consented prior to 4th November 2021, Amendment 6 are included as an Acceptable Solution. Timber flooring can be used on that basis and does not require to be changed to an Alternative Solution under Amendment 7 as outlined in this document.

This purpose of this letter is to substantiate the use of Vienna Woods ESTA Oak timber flooring as an alternative solution to E3/AS1. Substantiation as an acceptable alternative is on an evidence basis.

The requirement in E3 that most specifically relates to floor coverings is that they must be IMPERVIOUS and EASILY CLEANED. The following statements include reference to the product being easily cleaned and impervious.

Easily Cleaned

Vienna Woods Esta oak timber floors are easily cleaned using a vacuum and a damp mop. We supply detailed care and maintenance guides with our wood floors along with the option to supply ongoing the correct products or we can recommend suitable ones available on the market. Cleaning methods recommended are comparable to those required for other floor finishes that are still classified as an Acceptable Solution e.g. vinyl.

Impervious

These products have been tested in NZ by NZWTA for topical moisture resistance according to the international standard ISO 4760:2022(E). The product passed the test (Test #1441934.5) and the test report may accompany this document, or be available on request.

Trade Literature

The manufacturer was established in 2004. The manufacturers product warranty covers the use of this product in a kitchen and laundry environment.

Documents available:

CE conformity documentation (EU health, safety and environmental requirements)

Technical data sheets for installation

Technical data sheets for care and maintenance

Warranty documentation

Vienna Woods care and maintenance documentation

These documents are available here: <https://www.viennawoods.co.nz/resources/>

Durable Coatings:

Vienna Woods Oak timber flooring products are factory coated with multiple coats of leading brands of durable lacquer and oil finishes. These are water, dust and stain resistant. This coating is warranted for use in kitchen and laundry applications by the manufacturer and have had extensive

in-service history in New Zealand and globally. We recommend that the Vienna Woods Care Guide is adhered to and there is regular cleaning and maintenance to maintain the surface protection over its lifetime. Suitable products for cleaning and maintenance can be found here:

<https://www.viennawoods.co.nz/shop/?type=cleaning-and-maintenance>

(When Oil finishes are used, additional coats of oil may be required over its lifespan.)

Protecting Joins within 1.5m of sanitary fixtures and sanitary appliances

As outlined in Amendment 7, to create an impervious surface near these sanitary items and help prevent water splash from penetrating behind linings or into concealed spaces we recommend the following steps to areas within 1.5m of sanitary fixtures further to our standard glue down flooring installation instructions:

- Waterproof flexible sealant around the perimeter where the floor meets the cabinetry or skirting (if with-in 1.5m). These can be coloured to match the cabinetry to disguise it.
- Waterproof D3 PVA adhesive applied into to the groove of the tongue & groove profile of wood flooring to seal the joint of the flooring when within 1.5m. Care needs to be taken that the correct amount is applied to achieve a water seal but shouldn't be visible on the surface of the floor.

For more information, visit www.viennawoods.co.nz, email info@viennawoods.co.nz, or phone 0800 843 662