



Kaindl Aqua Pro Supreme Natural Touch Laminate

BPIR Declaration

Version 1.1 July 2025

Designated Building Product: Class 1

Declaration

Robert Malcolm Limited has provided this declaration to satisfy the provisions of Schedule 1 (d) of the Building (Building Product Information Requirements) Regulations 2022. See [Regulations](#)

Company Details

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Description of the Building Product

Kaindl Aqua Pro Supreme is a range of laminate flooring, supplied in plank form, constructed of multiple layers including a wear resistant overlay made from cellulose paper that is impregnated with melamine and aluminium oxide, a high quality printed melamine impregnated design layer, Aqua Pro HDF core made from sustainable softwood timbers including a sealed, pressed bevel edge for moisture protection, and a melamine impregnated balancing layer to provide dimensional stability and moisture protection. Kaindl Aqua Pro Supreme Natural Touch laminate flooring is to be installed using the floating floor method over Kaindl Sound System 2.2mm underlay.

Kaindl Aqua Pro laminates are available in a range of formats that vary in overall thickness and warranty period – please refer to the product summary below. Kaindl Aqua Pro laminate products are suitable for a range of residential and commercial applications including within 1.5m of a sanitary fixture or appliance when fitted in accordance with the Robert Malcolm Installation Recommendations – Kaindl Laminate.

Kaindl Product Summary

Name	Dimensions	Thickness	Wear Warranty Residential / Light Commercial
Aqua Pro Supreme	Plank – 128.9 x 19.2cm	8.0mm	30yrs residential / 10 yrs splash areas / 5yrs light commercial

Sustainability

Kaindl, the manufacturer, considers the sustainability of their products and business practices by actively engaging in the following:

- Greenguard Gold Certificate
- PEFC
- CO2 Negative Production

Building Code Obligations

B2 Durability	
<p>B2.3.1 (c) Building elements must, with only normal maintenance continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated or: (c) 5 years if (i) the building elements (including services, linings, renewable protective coatings and fixtures) are easy to access and replace, and (ii) failure of those building elements to comply with the building code would be easily detected during normal use of the building</p>	
Evidence	Rationale
<p>Level of Use Classification EN ISO 10874 EN 13329</p> <p>EN13329 - Laminate Floor Coverings - Elements With A Surface Layer Based On Aminoplastic Thermosetting Resins - Specifications, Requirements And Test Methods</p> <p>ISO 10874 : 2009 - Establishes a classification system for resilient, textile and laminate floor coverings. The classification is based on practical requirements for areas of use and intensity of use and is linked to the requirements specified in the relevant International Standard for each type of floor covering.</p> <p>Abrasion Resistance AC5 and Impact Resistance</p>	<p>Level of use classification and wear warranty period contained within the product specification sheet.</p> <ul style="list-style-type: none">• Kaindl AQUApro Supreme 8.0mm laminate flooring Service category 33 / AC5 Wear Warranty: 30 years residential / 10 years splash areas / 5 years light commercial <p>This European Standard specifies characteristics, requirements and test methods for laminate floor coverings with a surface layer based on aminoplastic thermosetting resins as defined in 3.1 and 3.2. It also specifies requirements for marking and packaging. It includes a classification system, based on EN ISO 10874, giving practical requirements for areas of use and levels of use, to indicate where laminate floor coverings will give satisfactory service and to encourage the consumer to make an informed choice. Laminate floor coverings are considered for domestic and commercial levels of use, including domestic kitchens.</p> <p><small>**This standard does not specify requirements relating to areas which are subjected to frequent wetting, such as bathrooms, laundry rooms or saunas. Refer Kaindl Info 19.6</small></p> <p>ISO 10874:2009 is also intended to provide guidance for manufacturers, specifiers and consumers, to enable them to choose the appropriate class of floor covering for any given area of use or specific room.</p> <p>Further test results within the product specification sheet demonstrating evidence of durability during normal use of the product.</p>

	This satisfies the performance requirements of the Building Code for a period of 5 years as the floor covering is easy to access and replace, and failure of the product would be easily detected during normal use of the product.	
C3 Fire affecting areas beyond the fire source		
C3.4(b) Floor surface materials in the following areas of buildings must meet the performance criteria specified below:		
Area of Building	Minimum critical radiant flux when tested to ISO 9239-1:2010	
	Buildings not protected with an automatic fire sprinkler system	Buildings protected with an automatic fire sprinkler system
Sleeping areas and exitways in buildings where care or detention is provided	4.5 kW/m2	2.2 kW/m2
Exitways in all other buildings	2.2 kW/m2	2.2 kW/m2
Firecells accommodating more than 50 persons	2.2 kW/m2	1.2 kW/m2
All other occupied spaces except household units	1.2 kW/m2	1.2 kW/m2
Evidence	Rationale	
AWTA Product Testing AS ISO 9239-1 2003 -Kaindl Aquapro Laminate Test Report 25-001770 Mean critical flux 8.4 kW/m2	AWTA is an independent testing facility engaged by Robert Malcolm Ltd to perform inflammability tests. Test results on these products are available. Test results confirm that the performance requirements outlined in the table above are satisfied.	

D1 Access Routes				
D1.3.3(d) Access routes shall: -Have adequate slip resistant walking surfaces under all conditions of normal use				
D2.1.2 For level access routes (including level accessible routes) expected to become wet with water in normal use, walking surfaces shall either:				
a) Have an SRV classification of not less than 39 from the wet pendulum test method of AS 4586 Appendix A using the Slider 96 rubber, or				
b) Use the materials listed in Table 2 as ‘acceptable wet slip’				
For housing this requirement applies only to the access route on the approach to the main entrance and not inside that entrance and not on the approach to other entrances. The internal access routes of housing, including kitchens and bathrooms, shall be assumed to be dry in normal use.				
Table 2: Slip Resistance for Walking Surfaces				
Walking Surface	Level Surface		Sloping Surface or Stairs	
	Acceptable dry slip resistance	Acceptable wet slip resistance	Acceptable dry slip resistance	Acceptable wet slip resistance
Timber Coated (paint, polyurethane etc)	Yes	No	No	No
Evidence	Rationale			
Table 2 (above) and, EN13893 test results (Resilient, laminate and textile floor coverings. Measurement of dynamic coefficient of friction on dry floor surfaces) Result ≥0.3	Table 2 above confirms that Kaindl AQUApro Supreme meets the performance requirement of the Building Code D1.3.3(b) as an Acceptable Solution under dry conditions on level surfaces. Further test results have been provided to determine compliance for installation on stairs – please refer to the product specification sheet for EN13893 test results (Resilient, laminate and textile floor coverings. Measurement of dynamic coefficient of friction on dry floor surfaces). For instances where slip regulations are not met for stairs, the application of an anti-slip tape or alternative nosing is recommended.			
E3 Internal Moisture				
E3.3.3 Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned				
E3.3.5 Surfaces of building elements likely to be splashed or become contaminated in the course of the intended use of the building, must be impervious and easily cleaned				
E3.3.6 Surfaces of building elements likely to be splashed must be constructed in a way that prevents water splash from penetrating behind linings or into concealed spaces				
Evidence	Rationale			
The surfaces of Kaindl laminate floorings are characterised by their hygienic, closed surfaces. They are very easy to clean, can be easily disinfected and have antibacterial properties.	The testing provided combined with the simple maintenance prescribed in the Robert Malcolm Cleaning and Maintenance Guide – Kaindl the performance requirements of E3.3.3 and E3.3.5 ‘impervious and easily cleaned’ have been met			
NZWTA ISO 4760:2022 (E) Topical Moisture Resistance – Assembled Joint 11/12/2024 Test No. 1545730.2, 1545733.6 No evidence of water penetration through the joins.	NZWTA is an independent testing facility engaged by Robert Malcolm Limited to perform water penetration testing, both on assembled joins and at the floor to wall junction.			

<p>EPH Laboratory Unit Surface Testing</p> <p>Determination of Water Resistance according to the NALFA Method</p> <p>15/8/2024 Test No. 2117129/2024/12</p> <p>Water passage through the joint connection was not detected.</p>	<p>EPH Laboratory is an independent testing facility engaged by Kaindl Flooring to perform water penetration testing on assembled joins.</p> <p>Test results confirm that Kaindl products listed in the product summary meet the performance requirement ‘impervious’ when installed and in accordance with the Robert Malcolm Installation Recommendations – Kaindl Laminate. This includes the requirement for a bead of flexible sealant and foam rod to be installed to the perimeter of areas where laminate flooring has been installed within 1.50m of a sanitary fixture or sanitary appliance. As Kaindl flooring is impervious and sealed at the perimeter water splash will not penetrate behind linings or into concealed spaces satisfying the performance requirement of E3.3.6</p>
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F2 Hazardous building materials

F2.1 The objective of this provision is to safeguard people from injury and illness caused by exposure to hazardous building materials

F2.3.1 The quantities of gas, liquid, radiation or solid particles emitted by materials used in the construction of buildings shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

Evidence	Rationale
<p>Formaldehyde Group</p> <p>EN 717-1</p>	<p>Formaldehyde Group E1, results provided within the product specification sheet.</p> <p>Kaindl laminate flooring consists mainly of wood. The emission of formaldehyde from wood in its natural state lies at around 0.005-0.015 ppm. The emission of formaldehyde from Kaindl laminate flooring (finished product) is far below the legal limit values of Emission Class E1 (< 0,1ppm EN717-1). The emission of formaldehyde from our laminate flooring immediately after production and installation lies at 0.005-0.03ppm. This emission level is not continuous; after six weeks it is down to just one half of these values.</p> <p>Worksafe NZ requirement is a maximum of <0.3 ppm.</p>

Scope of Use and Limitations

Building Work

Scope	Limitation
In conjunction with a substrate and primary structure that complies with the NZ Building Code, or where the primary structure is the equivalent stiffness to the framing provisions of NZS 3604: 2011	-A bead of flexible sealant and foam rod is required to be installed to the perimeter of areas where Kaindl laminate flooring has been installed within 1.50m of a sanitary fixture or sanitary appliance. Test results confirm suitability for splash areas, however Kaindl Aqua Pro Supreme laminate is not recommended for spaces with high humidity or excessive water splash. The following areas are excluded from this warranty - saunas, swimming pools, shower rooms and rooms with built in floor drains.
Installation temperature and acclimatising product	-Kaindl laminate flooring is recommended to be installed with a minimum room temperature of 18 °C and a relative humidity of ≤70% for a minimum of 48 hours. The product must be acclimatised in the room for at least 48 hours. -Installation must be in accordance with the Robert Malcolm Installation Recommendations – Kaindl Aqua Pro Supreme Laminate.
For all building classified uses	-For commercial and industrial uses, refer to Robert Malcolm Limited for warranty details and exclusions -Kaindl products are only suitable for use in interior situations -Kaindl products are not intended for use as a shower flooring -Kaindl laminate flooring is not intended for use in a transportable building.

Conditions of Use

Kaindl laminate flooring must be installed in accordance with Installation Recommendations – Kaindl Aqua Pro Supreme Laminate; and maintained in accordance with the Cleaning and Maintenance Guide – Kaindl Aqua Pro Supreme Laminate.

Warning or Ban

This building product line is not subject to a warning or ban under section 26 of the Building Act 2004.

Additional Information

For all design, installation and maintenance-related information, and for information supporting Robert Malcolm claims, refer to www.robertmalcolm.co.nz

Product Links

<https://www.robertmalcolm.co.nz/products/laminate/aquapro-supreme-8mm>