ALT HPL
BPIR Technical Statement

Welcome to a new era in decorative panels.

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Overview

Issue Date: 17.11.26
BPIR Class: Class 1
Product Collection: ALT by VidaSpace
CBI Number: 5511VS VidaSpace Timber Veneer Cabinetry - Masterspec
Origin: Europe

Product Description

ALT HPL (High Pressure Laminate) is a range of decorative laminates with a textured surface. Designed for both functional and aesthetic durability, the ALT HPL range features a selection of solid colours, plaster effects, and wood grain textures.

ALT HPL is designed to be bonded to a substrate, such as MDF or plywood, and used as a finished panel.

ALT HPL is designed to be used in a wide range of interior applications including furniture, cabinetry, doors, wall panelling, and horizontal use. ALT HPL is non post formable. Edge banding is used to protect the panels edge, which is available in both ABS and laser.

ALT HPL is available in 3 different designs– MasterOak, SolidVelvet and DesignForm.

ALT HPL is available in 3050mm x 1300mm x 0.7mm sheets.

ALT™
by VidaSpace®

Features

MasterOak – Timber touch technology, scratch resistant, UV stable, stain resistant, super matte, no pattern repeat within a panel, synchronised grain, large sheet size, antibacterial and food safe.

SolidVelvet – Soft touch, scratch resistant, UV stable, stain resistant, super matte, anti-fingerprint, large sheet size, antibacterial and food safe.

DesignForm – Real texture, scratch resistant, UV stable, stain resistant, large sheet size, antibacterial and food safe.

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Product Details

	MasterOak	SolidVelvet	DesignForm
Construction	High-Pressure Laminate	High-Pressure Laminate	High-Pressure Laminate
Front Face	Laminate	Laminate	Laminate
Core	Kraft Paper	Kraft Paper	Kraft Paper
Back Face	Sanded Kraft Paper	Sanded Kraft Paper	Sanded Kraft Paper
Pattern	Mixmatch Oak	Supermatt Anti-Fingerprint	Lime Plaster
Dimensions	3050 x 1300 x 0.7mm	3050 x 1300 x 0.7mm	3050 x 1300 x 0.7mm
Surface Area	3.965m2	3.965m2	3.965m2
Texture	Synchronised embossed texture with 64 depth points	Soft Touch & Smooth	Embossed
Origin	Europe	Europe	Europe
Responsible Certification	C2C, FSC® on request, EPD	C2C, FSC® on request, EPD	C2C, FSC® on request, EPD
Warranty	10 Years	10 Years	10 Years

Product Ingredients

Kraft paper
Phenolic Resin
Decorative paper
Melamine Resin
Overlay

Technical Details

	MasterOak	SolidVelvet	DesignForm
Density	EN323 = 1300 ± 50 Kg/m^3	EN323 = 1300 ± 50 Kg/m^3	EN323 = 1300 ± 50 Kg/m^3
Gloss Level	EN 2813 = 1.6%	Super Matte	Matte
Antibacterial Activity	ISO 22196:2011-0 = Reduction of >99.9%	ISO 22196:2011-0 = Reduction of >99.9%	ISO 22196:2011-0 = Reduction of >99.9%
Food Safety	EN 13130-1/ EN 1186 = conform	EN 13130-1/ EN 1186 = conform	EN 13130-1/ EN 1186 = conform

	Standard	Test Method	Results
Thickness variation relative to nominal value	EN 438-3-table 4	EN 438-2-5	± 0.1mm
Length Variation	EN 438-3-table 4	EN 438-2-6	- 0 / +10mm
Width Variation	EN 438-3-table 4	EN 438-2-6	- 0 / +10mm
Flatness	EN 438-3-table 4	EN 438-2-9	≤ 60mm/Lm
Straightness of Edges	EN 438-3-table 4	EN 438-2-7	≤ 1.5mm/Lm
Squareness	EN 438-3-table 4	EN 438-2-8	≤ 1.5mm/Lm
Edge Damage : 4 Sides	EN 438-3-6.2.4.2	EN 438-2-4	< 20mm
Surface Defects (points)	EN 438-3-6.2.4.1	EN 438-2-4	≤ 1mm^2 / m^2
Surface Defects (lines)	EN 438-3-6.2.4.1	EN 438-2-4	≤ 10mm / m^2
Resistance to surface wear	EN 438-3-table 5	EN 438-2-10	IP ≥ 150 Revolutions
Resistance to impact by small diameter ball	EN 438-3-table 5	EN 438-2-20	≥ 20N
Resistance to Scratching	EN 438-3-table 5	EN 438-2-25	Smooth structure : ≥ 2; Other ≥ 3
Dimensional stability at elevated temperature	EN 438-3-table 5	EN 438-2-17	L ≤ 0.55% ; T ≤ 1.05 %
Resistance to immersion in boiling water	EN 438-3-table 5	EN 438-2-12	Gloss : ≥ 3 ; Other : ≥ 4
Resistance to dry heat (160°C)	EN 438-3-table 5	EN 438-2-16	Gloss : ≥ 3 ; Other : ≥ 4
Resistance to wet heat (100°C)	EN 438-3-table 5	EN 438-2-18	Gloss : ≥ 3 ; Other : ≥ 4
Resistance to Staining	EN 438-3-table 5	EN 438-2-26	Group 1,2 : 5 ; Group 3 : ≥ 4
Light fastness (xenon arc)	EN 438-3-table 5	EN 438-2-27	4 - 5
Resistance to water vapour	EN 438-3-table 5	EN 438-2-14	Gloss : ≥ 3 ; Other : ≥ 4
Resistance to blistering	EN 438-3-table 6	EN 438-2-33	≥ 10 Sec

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Product Matrix

MasterOak

Colour	SKU	Type	Availability	Dimensions	Surface Area
Light Natural	VS3001-FL	Standard HPL	Stocked	Standard HPL: 3050mm x 1300mm x 0.7mm FR HPL: 3050mm x 1300mm x 0.9mm	3.965 m2
	VS3001-FL-FR	FR HPL	Indent		
Natural	VS3002-FL	Standard HPL	Stocked		
	VS3002-FL-FR	FR HPL	Indent		
Natural Copper	VS3003-FL	Standard HPL	Stocked		
	VS3003-FL-FR	FR HPL	Indent		
Double Fumed	VS3004-FL	Standard HPL	Stocked		
	VS3004-FL-FR	FR HPL	Indent		
Green	VS3005-FL	Standard HPL	Stocked		
	VS3005-FL-FR	FR HPL	Indent		


Light Natural


Natural


Double Fumed


Natural Copper


Green

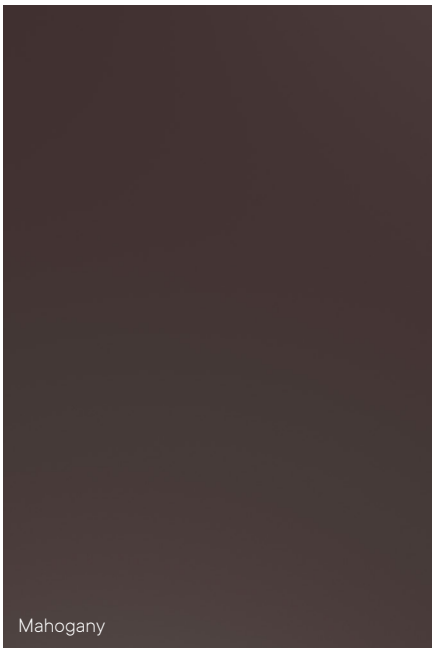
Product Matrix

SolidVelvet

Colour	SKU	Type	Availability	Dimensions	Surface Area
Shell	VS3006-FL	Standard HPL	Stocked	Standard HPL: 3050mm x 1300mm x 0.7mm	3.965 m2
Terracotta	VS3011-FL				
Mahogany	VS3007-FL				
Quartz	VS3008-FL				
Forest	VS3010-FL				
Onyx	VS3009-FL				

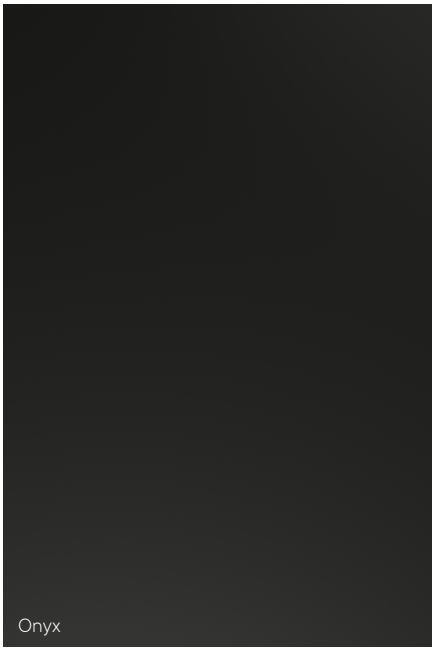
Shell


Terracotta


Mahogany


Quartz


Forest


Onyx

Product Matrix

DesignForm

VS3012-FL	SKU	Type	Availability	Dimensions	Surface Area
Chalk lime	VS3012-FL	Standard HPL	Stocked	Standard HPL: 3050mm x 1300mm x 0.7mm FR HPL: 3050mm x 1300mm x 0.9mm	3.965 m2
	VS3012-FL-FR	FR HPL	Indent		
Blush lime	VS3013-FL	Standard HPL	Stocked		
	VS3013-FL-FR	FR HPL	Indent		
Stone lime	VS3014-FL	Standard HPL	Stocked		
	VS3014-FL-FR	FR HPL	Indent		
Charcoal lime	VS3015-FL	Standard HPL	Stocked		
	VS3015-FL-FR	FR HPL	Indent		

Chalk Lime

Blush Lime


Stone Lime


Charcoal Lime

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Edge Banding

	MasterOak*	SolidVelvet	DesignForm
ABS	23mm x 1mm x 75m or 43mm x 1mm x 75m *Flat Grain & End Grain*	22mm x 1mm x 100m or 45mm x 1mm x 100m	22mm x 1mm x 100m or 45mm x 1mm x 100m
Laser	22mm x 1.2mm x 100m or 45mm x 1.2mm x 100m	22mm x 1.2mm x 100m or 45mm x 1.2mm x 100m	n/a

**MasterOak Green Not Stocked in Laser*

Handling & Storage

- Avoid leaning sheets against walls – always store sheets flat, in between protective MDF sheets, with a minimum of 4 bearers that are uniform in thickness and extend the full width of the sheets.
- Store sheets inside, away from heat, direct sunlight or moisture.
- Always lift finished sheets rather than sliding or dragging them to avoid chipping the edges or damaging the prefinished, decorative surface.
- Use edge protectors or padding when transporting finished panels to avoid corner or edge damage.

Care Guide

Download the care guide here or find on our website - www.vidaspace.co.nz

Certification Information

C2C - A sustainable design framework that models industrial processes on nature's regenerative cycles, aiming for zero waste by continuously reusing materials in closed loops.

EPD - Environmental Product Declaration is an independently verified way to transparently communicate a product's environmental impact throughout its entire life cycle.

CARB 2 - CARB II (California Air Resources Board Phase 2) and TSA Title VI (Toxic Substances Control Act Title VI) certifications are related to formaldehyde emissions in composite wood products, ensuring compliance with environmental regulations. These certifications confirm that wood-based materials meet specific emission limits for formaldehyde, contributing to indoor air quality and environmental protection.

FSC® on Request - Forest Stewardship Council, is an organization that promotes responsible forest management. FSC® Certified indicates that a product can be sourced from FSC® Certified forests to prove its commitment to sustainable and ethical wood sourcing.

Healthy Building Certifications

With the third-party sustainability and healthy product testing, ALT products could contribute points towards achieving the following Healthy Building Certifications.

- Homestar
- Green Star
- Living Building Challenge

Warranty & Life Expectancy

All VidaSpace products must be installed by a competent installer/contractor who has the necessary skills and experience and can take individual site circumstances into account. VidaSpace warranty will apply only to projects which have been installed, handled and maintained to industry best practice and New Zealand Building Code requirements. It is the responsibility of the specifier to determine the product is suitable and compliant for the application.

ALT has a 10 Year Warranty.

These warranties are provided as a guideline, and actual performance can vary. The key to maximising the lifespan of your ALT products lies in proper maintenance, which may include regular cleaning, avoiding excessive moisture, and promptly addressing any damage or spills. Additionally, the quality of the installation plays a significant role in the long-term durability of the products. If well-maintained and not subjected to unusually high levels of wear, it's reasonable to expect ALT Products to last significantly longer than the warranty period.

NZBC Relevant Clauses

B2 Durability — B2.3.1 (c)
C2 Prevention of fire occurring - C2.2
C3 Fire affecting areas beyond the fire source — C3.4 (a)
E3 Internal moisture — E3.3.4, E3.3.5, E3.3.6
F2 Hazardous building materials — F2.3.1
G3 Food preparation and prevention of contamination — G3.3.2 (a)

Contributions to NZBC Compliance

Category: Internal linings	Use to provide structural bracing	No
	Use in wet areas	Yes
	Use in food preparation areas	Yes
	Part of an inter-tenancy/abutting occupancy wall system	No
	Use in areas with surface fire obligations	Yes
	Part of a fire protected boundary or fire wall	No

Clause: B2 Durability

B2.3.1 - 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.

Contribution to B2.3.1(c)(i) and (ii)

ALT HPL have a 10-year product warranty. This ensures the product will be free from manufacture defects for 10 years from the purchase date. ALT HPL have a density of 1300 ± 50 Kg/m^{3}and a scratch resistance rating of ≥ 2 for smooth structures and ≥ 3 for other structures when tested in accordance with EN 438-2-25.

Clause: C2 Prevention of fire occurring

C2.2 - The maximum surface temperature of combustible building materials close to fixed appliances using controlled combustion and other fixed equipment when operating at their design level must not exceed 90°C.

Contribution to C2.2

See Conditions of Use.

Clause: C3 Fire affecting areas beyond the fire source

C3.4 - Surface Linings
(a) materials used as internal surface linings in the following areas of buildings must meet the performance criteria specified below:

Area of Building	Performance determined under conditions described in ISO 9705: 1993	
	Buildings not protected with an automatic fire sprinkler system	*Buildings protected with an automatic fire sprinkler system*
Wall/ceiling materials in sleeping areas where care or detention is provided	Material Group Number 1-S	Material Group Number 1 or 2
Wall/ceiling materials in exit-ways	Material Group Number 1-S	Material Group Number 1 or 2
Wall/ceiling materials in all occupied spaces in importance level 4 buildings	Material Group Number 1-S	Material Group Number 1 or 2
Internal surfaces of ducts for HVAC systems	Material Group Number 1-S	Material Group Number 1 or 2
Ceiling materials in crowd and sleeping uses except household units and where care or detention is provided	Material Group Number 1-S or 2-S	Material Group Number 1 or 2
Wall materials in crowd and sleeping uses except household units and where care or detention is provided	Material Group Number 1-S or 2-S	Material Group Number 1, 2, or 3
Wall/ceiling materials in occupied spaces in all other locations in buildings, including household units	Material Group Number 1, 2, or 3	Material Group Number 1, 2, or 3
External surfaces of ducts for HVAC systems	Material Group Number 1, 2, or 3	Material Group Number 1, 2, or 3
Acoustic treatment and pipe insulation within air handling plenums in sleeping uses	Material Group Number 1, 2, or 3	Material Group Number 1, 2, or 3

Contribution to C3.4(a) and (b)

ALT FR HPL (indent only, and excluding SolidVelvet) pressed to an FR Firesafe MDF substrate, using Jowat – Jowacoll 103.30 PVAc, installed in accordance with Warrington Report 21219F, section 3 c) will achieve a B-s1,d0 rating when tested to EN 13501-1. This has been correlated to achieve a Group 1-s rating, using a Fire Growth Rate (FIGRA ratio).

Clause: E3 Internal moisture

E3.3.4 - Wall surfaces adjacent to 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.

Contribution to E3.3.4 and E3.3.5 and E3.3.6

The surface of ALT HPL is antibacterial, impervious and easily cleaned.

Clause: F2 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.

Contribution to F2.3.1

ALT HPL is safe when handled and has no added formaldehyde.

Clause: G3 Food preparation and prevention of contamination

G3.3.2 - Spaces for food preparation and utensil washing shall have: (a) interior linings and work surfaces shall be impervious and easily cleaned.

Contribution to G3.3.2 (a)

The surface of ALT HPL is antibacterial, impervious and easily cleaned.

Scope of Use

ALT HPL:

- Is suitable for use such as interior wall linings, doors, cabinetry and horizontal applications.
- Is suitable for use in wet areas such as kitchens, laundries and some bathroom applications when pressed onto an MR substrate.
- Is suitable for applications where fire ratings need to achieve a group 1-s rating, when an FR HPL is combined with an FR MDF substrate.
- Is suitable for both commercial and residential applications.

Conditions of Use

ALT HPL:

- Is not suitable for exterior applications.
- Is non post formable.
- Has a minimum radius of 150mm for SolidVelvet and DesignForm, and 200mm radius for MasterOak – when cold forming.
- Must not be placed near a heat source that will cause the surface temperature to exceed 90oc - to meet Clause C2 prevention of fire occurring.
- Is not intended to provide structural bracing to the building.
- Must be cleaned and maintained in accordance with the VidaSpace ALT Care Guide.
- Is not designed to be used in conjunction with ALT TFL panels within a single installation, as this might result in a perceived visual variation.
- Requires all edges to be finished with edge banding.

Supporting Documentation

- Fire test reports
- ALT Care guide
- C2C Certification
- EPD Certification
- FSC® Certification

Warnings & Bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

No

Contact Details

For further Product or Technical Support please contact VidaSpace using the methods below.

Manufacture location	Europe
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Importer email	hello@vidaspace.co.nz
Importer phone number	0800 119 388
Importer NZBN	9429041788349

Declaration

VidaSpace Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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At the time of writing and publication of the sheet, all information is specified correctly.

The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

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Signed by:

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