

Malay 2320

Engineered Luxury Vinyl • Archipel

Product Specifications

Market Segments	Hospitality, Pro, Residential, Workspace
Brand	HydraLuxe Rigid
Sub Category	SPC
Collection	Archipel
Style Name	Malay
Style Number	2320
Construction	Engineered Luxury Vinyl
Format	Plank
Abrasion Resistance	General Commercial Use
Material	Virgin PVC
Core Material	70% Calcium Carbonate / 30% Virgin PVC
Width	8.976" (228 mm)
Total Thickness	0.256" (6.5 mm)
Wear Layer Thickness	0.0200" (0.5000 mm)
Core Thickness	0.1970" (5.0000 mm)
Backing	Cork
Edges	4-Sided Macro Painted Bevel
Locking System	Välinge 5G: Drop Lock
Backing Thickness	0.0590" (1.5000 mm)
Finish	Registered Embossed
Top Surface	UV-Cured Polyurethane & Ceramic Bead Technology
Gloss	Matte
Pattern Repeat	4
IIC	73
STC	72
Design	Hickory
Formaldehyde	E1
Vinyl Thickness	n/a
Length	72.047" (1830 mm)
Certifications	BLC Certification, Designers' Choice, Virgin PVC, FloorScore, E1 Certified, Phthalates-Free, QuickShip
Installation Methods	Floating, Compatible with embedded radiant heating
	🔗 Rigid Engineered Luxury Vinyl Installation Guide - Välinge 5G
	🔗 Rigid Engineered Luxury Vinyl Installation Video - Välinge 5G System

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Plank Packaging information

Units Per Box	6
Boxes Per Pallet	52
Box Weight	48.24 Pounds (21881.50 Grams)
Square Meters Per Box	2.50
Square Meters Per Pallet	130.19
Square Feet Per Box	26.95
Square Feet Per Pallet	1401.4

Warranties

[Rigid Engineered Luxury Vinyl Warranty Guide](#)

[Rigid Engineered Luxury Vinyl Maintenance Guide](#)

Residential use

Waterproof *Lifetime*

No Questions Asked Replacement *30 days*

Wear *Lifetime*

Manufacturing Defects *Lifetime*

Stain Resistance *Lifetime*

Fade *Lifetime*

Petproof *Lifetime*

Commercial use

Stain Resistance *15 Years*

Waterproof *Lifetime*

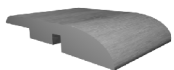
Wear *15 Years*

Manufacturing Defects *15 Years*

Petproof *Lifetime*

Fade *15 Years*

Moldings

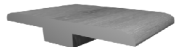


Reducer

Matching

94.488" X 0.354" X 1.771"

(2400 mm X 9 mm X 45 mm)

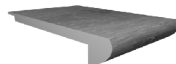


T-Molding

Matching

94.488" X 0.354" X 1.771"

(2400 mm X 9 mm X 45 mm)

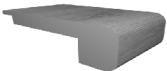


Flushmount Stair Nose - Round

Matching

94.488" X .984" X 2.834"

(2400 mm X 25 mm X 72 mm)



Flushmount Stair Nose -

Square

Matching

94.488" X 1.378" X 4.449"

(2400 mm X 35 mm X 113 mm)

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Dimensional Tolerance

Test	Test method	Result
Height difference	ISO 10582	≤ 0.1 mm
Curling in the presence of heat	ISO 23999	0.05 mm
Squareness	ISO 24342	(+/-) 0.2 mm
Width tolerance	ISO 24342	(+/-) 0.08 mm
Gaps between planks	ISO 10582	≤ 0.1 mm
Dimensional stability	ISO 23999	Length 0.125% Width
Length tolerance	ISO 24342	0.060%
Thickness tolerance	ASTM F386	(+/-) 0.06 mm (+/-) 0.02 mm

Physical Properties

Test	Test method	Result
Residual indentation	ASTM F1914	0.01 mm
Surface scratch resistance	ISO 1518-1: 2011 (≥ 2500 g)	≥ 2500 g
Reaction to fire classification	EN 13501-1	B1
Static load limit	ASTM F970	≤ 0.1 mm
Airborne sound transmission (STC)	ASTM E90 / ASTM E413	72
Density	ISO 1183-1: 2012 (+/-0.05 g/cm ³)	≥ 0.85 g/cm ³
Peel resistance	ASTM D903 / ISO 24345	Length 90.16 N / 5 cm
Impact sound transmission (IIC)	ASTM E492 / ASTM E989	Width 94.59 N / 5 cm
Slip resistance	DIN 51130	73
Smoke density	ASTM E662	R9
Color stability to heat exposure	ASTM F1514-03 (max ΔE=8)	< 450
Abrasion resistance	EN 660-2-1999 Range between 0.010 g-0.060 g /1000	Pass
Resistance to chemicals	ASTM F925	Pass
Critical radiant flux class	ASTM E648	Pass
Castor chair resistance	ISO 4918	Class 1 > 25000r

Chemical Composition

Test	Test method	Result
Ortho-Phthalates	CPSC-CH-C1001-09.4	None detected
TVOC (Total Volatile Organic Compounds)	DDPH V1.2-2017 (CA01350)	Pass
Formaldehyde Emission	ASTM D6007	None detected
Indoor air quality	DDPH V1.2-2017 (CA01350)	None detected

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Styles offered



#2320 (Plank)

Malay

Registered Embossed