

Chinook 2171

Luxury Vinyl • Aerial

This product has been discontinued and is no longer part of our regular line.

Product Specifications

Market Segments	Pro, Property Management, Residential, Senior Living
Brand	PermaLuxe
Sub Category	LVP
Collection	Aerial
Style Name	Chinook
Style Number	2171
Construction	Luxury Vinyl
Format	Plank
Abrasion Resistance	Heavy Residential & Light Commercial Use
Material	Virgin PVC
Width	6" (152.4 mm)
Total Thickness	0.079" (2 mm)
Wear Layer Thickness	0.0120" (0.3000 mm)
Interlayer	None
Backing	Dry Back
Edges	4-Sided Micro Bevel
Locking System	None
Finish	Embossed
Top Surface	UV-Cured Polyurethane
Gloss	Matte
Pattern Repeat	6
IIC	n/a
STC	n/a
Design	Wood
Formaldehyde	E1
Length	48" (1219.2 mm)
Certifications	Virgin PVC, Designers' Choice, FloorScore, E1 Certified, Phthalates-Free, BLC Certification, QuickShip
Installation Methods	Herringbone, Compatible with embedded radiant heating, Glued
	🔗 Luxury Vinyl Installation Guide (DryBack)
	🔗 Wall Installation Guide - Luxury Vinyl

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Plank Packaging information

Units Per Box	18
Boxes Per Pallet	70
Box Weight	28.08 Pounds (12736.86 Grams)
Square Meters Per Box	3.34
Square Meters Per Pallet	234.11
Square Feet Per Box	36
Square Feet Per Pallet	2520

Warranties

- [Luxury Vinyl Warranty Guide](#)
- [Luxury Vinyl Care & Maintenance Guide](#)

Residential use

- Waterproof *Lifetime*
- Manufacturing Defects *25 Years*
- Fade *25 Years*
- Wear *25 Years*
- Stain *25 Years*
- Petproof *Lifetime*
- No Questions Asked Replacement *30 days*

Light commercial use

- Stain *7 Years*
- Petproof *Lifetime*
- Waterproof *Lifetime*
- Wear *7 Years*
- Fade *7 Years*
- Manufacturing Defects *7 Years*

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Dimensional Tolerance

Test

Height difference
Curling in the presence of heat
Squareness
Width tolerance
Gaps between planks
Dimensional stability
Length tolerance
Thickness tolerance

Test method

Max 0.15 mm
EN ISO 23999 (≤ 2 mm)
Max 0.25 mm
ASTM F2055 0.4 mm / 305 mm
Max 0.15 mm
ASTM F2199-09 (max 1.67 mm per m)
ASTM F2055 0.4 mm / 305 mm
ASTM F386 0.13 mm

Result

Pass
Pass
Pass
Pass
Pass
Pass
Pass
Pass

Physical Properties

Test

Residual indentation
Surface scratch resistance
Reaction to fire classification
Static load limit
Density
Peel resistance
Flexibility
Slip resistance
Smoke density
Color stability to heat exposure
Abrasion resistance
Resistance to chemicals
Critical radiant flux class
Castor chair resistance

Test method

ASTM F1914-07 (average max 8%)
ISO 1518-1: 2011 (≥ 2500 g)
EN 13501-1: 2007
ASTM F970-17
ISO 1183-1: 2012 (± 0.05 g/cm³)
EN ISO 24345 - Min 50 N / 50 mm
ASTM F137-08 and ASTM F1700-04
EN 14041 and EN 13893
ASTM E662
ASTM F1514-03 (max $\Delta E=8$)
EN 660-2-1999 Range between 0.010 g-0.060 g /1000
ASTM F925-13 (max slight change)
EN ISO 9239-1
ISO 4918 and ISO 10582

Result

Pass
 ≥ 2500 g
Bfl-s1
 ≥ 1000 PSI
1.74-1.84 g/cm³
Pass
Pass
Class DS
Pass
Pass
Pass
Pass
Bfl
Pass

Chemical Composition

Test

Phthalates
Antibacterial wear layer
TVOC (Total Volatile Organic Compounds)
Formaldehyde Emission
Indoor air quality

Test method

Prop 65
ASTM E2180-07
CDPH /EHLB Standard Method V1.1
EN 717-1: 2004
SCS-EC10.3-2014 v3.0

Result

None detected
99.9% Reduction
Pass
E1
FloorScore Certified

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Styles offered



#2171 (Plank)

Chinook

Embossed

Dropped Product

Accessories



701 Luxury Vinyl Adhesive - 4 U.S. Gallons

4 Gallons (15.14 Litres)

1/16" x 1/32" x 1/32" U-notch Trowel

Non-Porous: 1/16" x 1/32" x 1/32" V-notch Trowel

Porous Coverage

680 - 760 sq.ft. / 4 Gallons (63 - 71 m² / 15 L)

Non-Porous Coverage

1,000 to 1,200 sq.ft. / 4 U.S. Gallons (93 to 112 m² / 15 L)

[Label - 701 Vinyl Flooring Adhesive](#)

[SDS - 701 Vinyl Flooring Adhesive](#)

[Specifications - 701 Vinyl Flooring Adhesive](#)