

Diablo 2172

Luxury Vinyl • Aerial

Product Specifications

Market Segments	Pro, Property Management, Residential, Senior Living
Sub Category	LVP
Collection	Aerial
Style Name	Diablo
Style Number	2172
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	Medium 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, 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

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

Light commercial use

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

Moldings



Stair Nose
Coordinating
94" X 1.16" X 2"
(2388 mm X 25.4 mm X 50.80 mm)



Multitrim
Coordinating
94" X 0.23" X 1.593"
(2388 mm X 5.842 mm X 40.481 mm)

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Dimensional Tolerance

Test	Test method	Result
Height difference	Max 0.15 mm	Pass
Curling in the presence of heat	EN ISO 23999 (≤ 2 mm)	Pass
Squareness	Max 0.25 mm	Pass
Width tolerance	ASTM F2055 0.4 mm / 305 mm	Pass
Gaps between planks	Max 0.15 mm	Pass
Dimensional stability	ASTM F2199-09 (max 1.67 mm per m)	Pass
Length tolerance	ASTM F2055 0.4 mm / 305 mm	Pass
Thickness tolerance	ASTM F386 0.13 mm	Pass

Physical Properties

Test	Test method	Result
Residual indentation	ASTM F1914-07 (average max 8%)	Pass
Surface scratch resistance	ISO 1518-1: 2011 (≥ 2500 g)	≥ 2500 g
Reaction to fire classification	EN 13501-1: 2007	Bfl-s1
Static load limit	ASTM F970-17	≥ 1000 PSI
Density	ISO 1183-1: 2012 (+/-0.05 g/cm ³)	1.74-1.84 g/cm ³
Peel resistance	EN ISO 24345 - Min 50 N / 50 mm	Pass
Flexibility	ASTM F137-08 and ASTM F1700-04	Pass
Slip resistance	EN 14041 and EN 13893	Class DS
Smoke density	ASTM E662	Pass
Color stability to heat exposure	ASTM F1514-03 (max $\Delta E=8$)	Pass
Abrasion resistance	EN 660-2-1999 Range between 0.010 g-0.060 g /1000	Pass
Resistance to chemicals	ASTM F925-13 (max slight change)	Pass
Critical radiant flux class	EN ISO 9239-1	Bfl
Castor chair resistance	ISO 4918 and ISO 10582	Pass

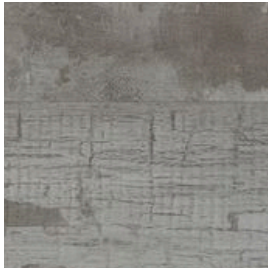
Chemical Composition

Test	Test method	Result
Phthalates	Prop 65	None detected
Antibacterial wear layer	ASTM E2180-07	99.9% Reduction
TVOC (Total Volatile Organic Compounds)	CDPH / EHLB Standard Method V1.1	Pass
Formaldehyde Emission	EN 717-1: 2004	E1
Indoor air quality	SCS-EC10.3-2014 v3.0	FloorScore Certified

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Styles offered



#2170 (Plank)
Boreas
Medium Embossed
Dropped Product



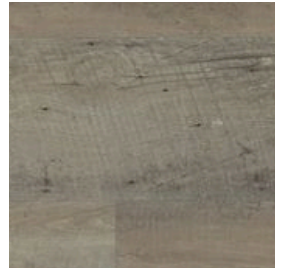
#2171 (Plank)
Chinook
Medium Embossed
Dropped Product



#2172 (Plank)
Diablo
Medium Embossed



#2173 (Plank)
Euros
Medium Embossed



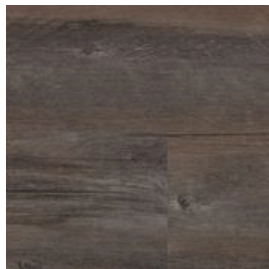
#2174 (Plank)
Notos
Medium Embossed



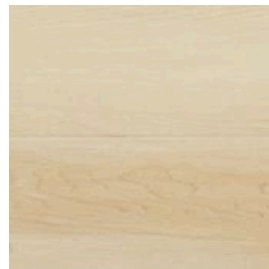
#2175 (Plank)
Sirocco
Medium Embossed
Dropped Product



#2176 (Plank)
Squamish
Medium Embossed



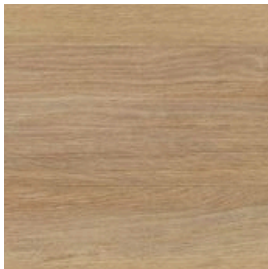
#2177 (Plank)
Zephyr
Medium Embossed
Limited Stock



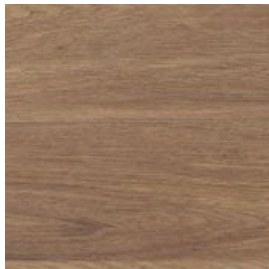
#2380 (Plank)
Coromuel
Medium Embossed



#2381 (Plank)
Ostro
Medium Embossed



#2382 (Plank)
Santa Ana
Medium Embossed



#2383 (Plank)
Santa Lucia
Medium Embossed



#2384 (Plank)
Sarima
Medium Embossed



#2385 (Plank)
Solano
Medium Embossed



#2386 (Plank)
Sundowner
Medium Embossed



#2387 (Plank)
Vendavel
Medium Embossed

Accessories



701 Luxury Vinyl Adhesive - 4 U.S. Gallons

4 Gallons (15.14 Litres)

Porous: 1/16" x 1/16" x 1/16" V-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)

[🔗 Specifications - 701 Vinyl Flooring Adhesive](#)

[🔗 SDS - 701 Vinyl Flooring Adhesive](#)

[🔗 Label - 701 Vinyl Flooring Adhesive](#)


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Technical Bulletin

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