

AQUAFIX®



**Launching @ 2023
Surfaces Trade Show**

DRYBACK LVT SERIES



EC641
Tobiano



EC642

Nicklaus North



EC643
Predator Ridge





EC644
Stewart Creek



EC645
Canmore

EC646
Greywolf



EC647

Eagle Ranch





EC648

Crystal Ridge



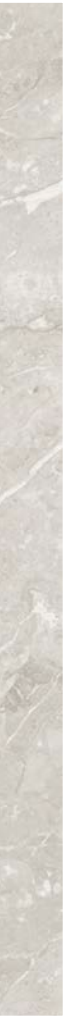


EC649
Copper Point



EC650

Wildstone



Glue down LVT

Product Construction

1 Urethane Coating With Ceramic Bead

A UV cured urethane coating and ceramic bead coating for enhanced durability, stain resistance and easy care & maintenance.

2 Clear Vinyl Wear Layer

Transparent vinyl wear layer provides excellent resistance to scuffs and abrasions.

3 Printed Decorative Film

High resolution printed film delivers vivid looks in wood, stone and abstracts.

4 Solid Vinyl Layers

Multiple layers of solid vinyl are hot pressed to form a solid layer.



PHD Summary

Percentage Assessed: **100%**

Inventory Threshold:

100ppm Product Level

Inventory Method:

Nested Materials

- GreenTag Banned List Compliant
- Meets Indoor Air Quality VOC emission requirements, for BREEAM, LEED & WELL
- Meets LEED® v4.0 and v4.1 MR Credit: Building Product Disclosure and Optimisation -Material Ingredients” - Option 2 - International ACP - REACH Optimisation
- Meets WELL™ v1.0 Features 97: Material Transparency and WELL™ v2.0 Features – X07: Material Transparency (Part 1 & 3) and 08: Material Optimisation (Part 1 & 2).
- Low worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Low user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Low environmental exposure to Carcinogens, Mutagens, Reproductive Toxicants or Endocrine Disruptors

Technical Data

NO.	Technical characteristics	Standards	Requirement	GLUE DOWN LVT					
				2.0x0.15mm	2.0x0.2mm	2.0x0.3mm	2.5x0.5mm	2.5x0.7mm	3.0x0.5mm
1	Size	ASTM F2055-17(2021)	A tolerance of $\pm 0.4\text{mm}/305\text{mm}$	Pass	Pass	Pass	Pass	Pass	Pass
2	Thickness, products	ASTM F386-17	A tolerance of $\pm 0.13\text{mm}$	2.0mm	2.0mm	2.0mm	2.5mm	2.5mm	3.0mm
3	Thickness, wear layer	ASTM F410-08(2017)	Commercial, 0.5mm min	0.15mm	0.2mm	0.3mm	0.5mm	0.7mm	0.5mm
4	Squareness	ASTM F2055-17(2021)	$\leq 0.25\text{mm}$	Pass	Pass	Pass	Pass	Pass	Pass
5	Dimensional stability	ASTM F2199-20	$\leq 0.51\text{mm}/305\text{mm}$ (0.17%)	Pass	Pass	Pass	Pass	Pass	Pass
6	Residual indentation	ASTM F1914-18	Ave < 8%, max. $\leq 10\%$	5.50%		6.80%		6.50%	6.80%
7	Flexibility	ASTM F137-08(2018)	No crack or break when using 25.4mm mandrel	Pass	Pass	Pass	Pass	Pass	Pass
8	Resistance to chemicals	ASTM F925-13(2020)	No more than a slight change in surface dulling, surface attach or staining	No change	No change	No change	No change	No change	No change
9	Resistance to heat	ASTM F1514-21	(avg, max) $\Delta E^* < 8$	Pass	Pass	Pass	Pass	Pass	Pass
10	Resistance to Light	ASTM F1515-19	(avg, max) $\Delta E^* < 8$	Pass	Pass	Pass	Pass	Pass	Pass
11	Castor chair resistance	NALFA/ANSI LF-11	After 25000 cycles, no delamination shall occur. No disturbance to the surface other than a slight change in appearance.	Pass	Pass	Pass	Pass	Pass	Pass

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			2.0x0.15mm	2.0x0.2mm	2.0x0.3mm	2.5x0.5mm	2.5x0.7mm	3.0x0.5mm
1	Fungi Resistance	ASTM G21-15	Rating 0, None growth	Rating 0, None growth	Rating 0, None growth	Rating 0, None growth	Rating 0, None growth	Rating 0, None growth
2	Heavy Metal	ASTM F963-17	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)
3	Phthalate content test (DBP/DEHP/BBP/DINP/DIBP/DPENP/DHEXP/DCHP)	CPSC-CH-C1001-09.4	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)	Not Detected (less than the detection limit)
4	Thermal conductivity	ASTM C518-21			0.073 W(m.K)	0.081 W(m.K)		0.084 W(m.K)
	Thermal resistance				0.028 (m2.K)/W	0.031 (m2.K)/W		0.037 (m2.K)/W
5	Acoustic impact noise reduction	ASTM E90-09(R2016), ASTM E492-09(R2016)			STC 63 / IIC 54			
6	Specific Optical Density of Smoke	ASTM E662	<450	<450	<450	<450	<450	<450
7	Critical Radiant Flux	ASTM E648/NFPA classification	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1





4-sided micro bevels create real parquet look



Formaldehyde free & phthalates free



100% waterproof flooring



Pet friendly



Light brushed texture embossed surface, matte finish



30 year limited residential wear warranty



Superior flexibility



15 year limited commercial wear warranty



Easy repairs



The most recognized Indoor Air Quality Certification

	Wood Pattern Plank	Tile Pattern Plank
Dimension	7" x 48" x 2.5/0.5mm 177.8mm x 1219.2mm x 2.5/0.5mm	12" x 24" x 2.5/0.5mm 304.8mm x 609.6mm x 2.5/0.5mm
Wear layer	20mil (0.5mm)	20mil (0.5mm)
Surface	Light brushed	Coral embossed surface
Package	37.33 sqft/carton 75 cartons/pallet	36 sqft/carton 66 cartons/pallet
Weight	15.67 kg/carton 34.55 lb/carton	15.1 kg/carton 33.3 lb/carton



Strap set samples are intended as a colour reference only. They will not reproduce all possible natural variations. Please visit our website for more room scene images, or contact your local dealer for further assistance.