



Cirro Collection

**Mannington®**  
COMMERCIAL





Cirro is a non-vinyl, polymeric composite floor defined by its clarity of design and consideration for the environment.

### Crafted with purpose

We have used our manufacturing expertise to create a low emission, non-vinyl product that offers high performance and a low environmental impact.

Cirro plank and tile flooring meets strict standards for health, education, workplace and retail environments – a floor for today and tomorrow.

### Made with care

- Production scrap used in product
- Zero waste to landfill in the production of Cirro
- Committed to maintaining a sustainable supply chain
- Non-ortho-phthalate raw materials
- 10-year Quantum Guard® HP performance warranty



Made without PVC, phthalates, formaldehyde and halogens



A low-emission product



Made with recycled content



Crafted to perform under high traffic



No special adhesives required

Available in 20 versatile wood, stone and abstract visuals in multiple formats, Cirro is simply one beautiful way we are working to positively impact our world.





**Cover: Stone** - Exposed Concrete DR5SEC30

**Left: Wood** - Teak DR5W6990 & **Recoarse II** - Bypass Black 1518

**Above: Abstract** - Linear Chalk DR5ALA11 & Linear Graphite DR5ALA33





## Quantum Guard® HP: Patented Performance

- One of the highest performance commercial urethane finishes in the industry
- No polish
- Enhances durability, cleanability, appearance, and slip retardance when compared to standard lvt and resilient floors
- Significant reduction in overall lifecycle cost greatly lowers total cost of ownership



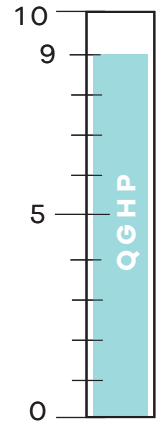
## Mohs Hardness Scale

10 = Natural diamond

9 = QGHP

7 = Quartz

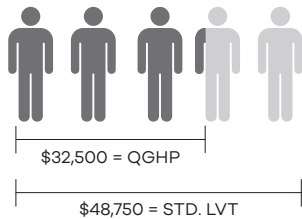
2 = Urethane without  
aluminum oxide



70%

ANNUAL MAINTENANCE  
SAVINGS PER SQ. FOOT

### Regular Maintenance Annual Total



### Total Annual Cost per Sq. Ft.

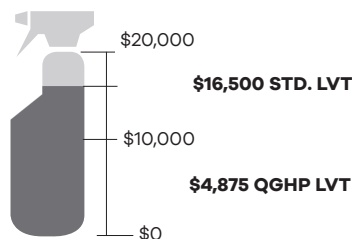


\$0.66 STANDARD LVT

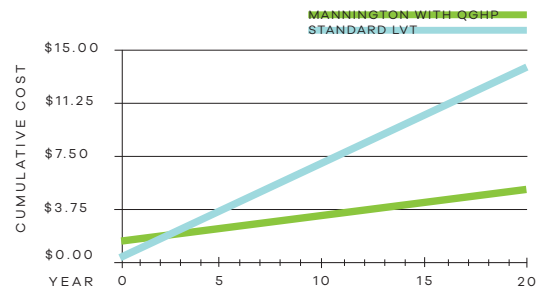


\$0.20 QGHP LVT

### Restorative Maintenance Annual Total



### Cumulative Cost per Sq. Ft. by Year



Break even on product and maintenance cost difference between:  
LVT vs. QGHP = 2 years

Cirro Product Availability

Product Name	Product Code	Style	Surface Finish - Tick	Surface Finish - Ceramic	Quantum Guard® HP	Micro-beveled Edges	4.5" x 36" (114 x 915 mm)	7.25" x 48" (184 x 1219 mm)	12" x 24" (305 x 610 mm)	18" x 18" (457 x 457 mm)
WOOD										
Aged Oak	DR5W7710	Wood	•		•	•	•	•		
Applewood	DR5W7740	Wood	•		•	•	•	•		
Chalked Pine	DR5W7750	Wood	•		•	•	•	•		
Classic Walnut	DR5W7610	Wood	•		•	•	•	•		
Dorset Oak	DR5W7210	Wood	•		•	•	•	•		
Farmhouse Oak	DR5W7630	Wood	•		•	•	•	•		
Fused Birch	DR5W7500	Wood	•		•	•	•	•		
Oiled Pine	DR5W7760	Wood	•		•	•	•	•		
Parisian Pine	DR5W7860	Wood	•		•	•	•	•		
Reclaimed Oak	DR5W7870	Wood	•		•	•	•	•		
Salted Oak	DR5W8210	Wood	•		•	•	•	•		
Sanctuary Oak	DR5W7220	Wood	•		•	•	•	•		
Teak	DR5W6990	Wood	•		•	•	•	•		
Washed Teak	DR5W5990	Wood	•		•	•	•	•		
Wenge Wood	DR5W7490	Wood	•		•	•	•	•		
Wild Walnut	DR5W7620	Wood	•		•	•	•	•		

STONE										
Exposed Concrete	DR5SEC30	Stone		•	•	•			•	•
Lake Slate	DR5SSL35	Stone		•	•	•			•	•

ABSTRACT										
Linear Chalk	DR5ALA11	Abstract		•	•	•			•	•
Linear Graphite	DR5ALA33	Abstract		•	•	•			•	•



Cirro Collection

Style	Cirro - Wood	Cirro - Stone & Abstract
Construction	Polymeric Composite Flooring	Polymeric Composite Flooring
Classification	Commercial	Commercial
Total Thickness	0.098" (2.5 mm)	0.098" (2.5 mm)
Wear Layer Thickness	20 mil (0.51 mm)	20 mil (0.51 mm)
Wear Layer	Quantum Guard HP	Quantum Guard HP
Edge Treatment	Micro-bevel	Micro-bevel
Sizes	4.5" x 36" (114 x 915 mm) 7.25" x 48" (184 x 1219 mm) Sizes are style dependent; refer to Product Chart	12" x 24" (305 x 610 mm) 18" x 18" (457 x 457 mm) Sizes are style dependent; refer to Product Chart
Colors	16	Stone - 2; Abstract - 2
Packaging Per Carton	4.5 x 36 - 40 pcs, 45 sq.ft. (4.18 m²), 27.8 lbs. (12.61 kg) 7.25 x 48 - 19 pcs, 45.81 sq.ft. (4.26 m²), 28.37 lbs. (12.87 kg)	12 x 24 - 23 pcs, 46 sq.ft. (4.27 m²), 28.42 lbs. (12.89 kg) 18 x 18 - 20 pcs, 45 sq.ft. (4.18 m²), 27.8 lbs. (12.61 kg)
Adhesive	<b>Porous &amp; Non-Porous Substrates:</b> Amtico PSA Full Spread, Transitional Pressure Sensitive, High Moisture; Universal Two Part Full Spread, 2-part Urethane <b>Porous Substrates Only:</b> Amtico 373 Full Spread <b>Note:</b> Must use Universal Two Part under hospital beds and heavy rolling load areas. Use Universal Two Part where higher risk of topical moisture would be a concern.	
Installation Method	All arrows in the same direction. Planks should have end joints offset by at least 6" and staggered to create a random appearance. Tiles should be installed block or staggered; when quarter turned, arrows should alternate.	
<b>Testing</b>		
HUD/FHA	Passes	
Flexibility (ASTM F137)	Passes - 1" Mandrel - No Crack/Break	
Dimensional Stability (ASTM F2199)	Passes - Max 0.020 in./lin.ft.	
Squareness (ASTM F540)	Passes - 0.010 in. Max	
Static Load (ASTM F970 mod.)	Passes - 1,500 PSI; Resid. Indent ≤ 0.005 in.	
Residual Indentation (ASTM F1914)	Passes - < 0.007" per ASTM F3261	
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm²	
Smoke Density (ASTM E662)	Passes - ≤ 450	
Slip Resistance (ASTM C1028)	Passes - ≥ 0.5 Leather; 0.6 Rubber	
Resistance to Light (ASTM F1515)	Passes	
Chemical Resistance (ASTM F925)	Passes	
Resistance to Heat (ASTM F1514)	Passes	
<b>Environmental Data</b>		
Recycled Content	5%	
Indoor Air Quality	FloorScore Certified; CDPH v1.1-2010	
LEED Scoreboard	May contribute to LEED Credits <b>LEED 2009:</b> MRc4 Recycled Content, IEQ4.1 Low Emitting Adhesives, IEQ4.3 Low Emitting Materials - Flooring <b>LEED v4:</b> Building Product Disclosure & Optimization - sourcing raw materials, IEQc2 - Low Emitting Materials	
Manufacturing	Coventry, UK	
<b>Warranty</b>		
	Limited 10 Year Commercial Warranty Limited 10 Year Quantum Guard HP Wear Warranty	