



TECHNICAL INFORMATION: TAJ SPECTRUM Luxury Vinyl Flooring

GLOBAL MANUFACTURING, LOCAL SERVICING

Construction: TAJ Spectrum LVT Planks and Tiles are manufactured with a high molecular weight polymerized vinyl wear layer supported by a high strength vinyl backing. TAJ Select LVT is built with a PROTECH® UV cured polyurethane finish. PROTECH® is a protective anti-soil coating that is incorporated into the wear surface during the manufacturing process. PROTECH® eliminates the need for floor finishes and improves hygiene and chemical resistance.

Wear Layer Thickness: 0.5mm (20mils)

Overall Product Thickness: 3.0mm

Dimensions:

- Tile: 18" x 18", Nominal
- Slab: 12" x 24", Nominal
- Plank: 6" x 36", Nominal

Test Results Data:

Following data is supported by independent testing companies. Copies of test results are available upon request.

TEST	RESULT
Product Classification / ASTM F1700	Class III, Type A (smooth), Type B (embossed)
Fire Resistance / ASTM E-648	Class 1 >.45
Smoke Density / ASTM E-662	<450 – Flaming/Non Flaming
Static Load / ASTM F-970	1100 psi
Slip Resistance / ASTM C-1028-89	>.6 per ADA
Chemical and Stain Resistance	Excellent
VOC Emission	Negligible
FloorScore® Certified	Yes

Installation:

Inspect subfloor surfaces carefully to determine acceptability. All TAJ flooring products must be installed under proper job conditions.

Approved Adhesives:

- **TAJ Eco Bond LVT Adhesive:** Maximum 8.0 lbs. MVER per 1,000 sf per 24 hours as tested by ASTM F1869 or maximum RH of 95% as tested by ASTM F2170. Test pH of concrete – pH should be 11 or less.
- **TAJ 1095 Adhesive:** Maximum 10.0 lbs. MVER per 1,000 sf per 24 hours as tested by ASTM F1869 or maximum RH of 95% as tested by ASTM F2170. Test pH of concrete – pH readings of 5-12 are acceptable.

Hilway Direct cleaners and floor finishes can be purchased directly from TAJ Flooring, Inc. High quality floor finishes will further protect the floor in heavy traffic areas. Chairs and table should be capped with the proper floor protection glides.

Hospital Beds:

In the event that TAJ LVT is to be used in patient rooms the area under the beds must be installed using the recommend Eco Bond Adhesive System. No substitutions. This adhesive will tolerate point loads within 4 hours of installations.

Warranty:

20 year manufacturing defect and wear warranty. Complete copy of warranty is available upon request.

Recycled Content:

39% post-consumer, 33% post-industrial

LEED Scorecard:

MR4, IEQ4.1, IEQ4.3