

## TECHNICAL INFORMATION: TAJ IMPERIAL Phthalate Free Luxury Vinyl Flooring

**Construction:** TAJ Imperial is a phthalate free, high performance, low maintenance resilient plank product. TAJ Imperial Phthalate Free LVT is built with a PROTECH PLUS ceramic bead infused UV cured polyurethane finish which has 2 times the scratch resistance of standard urethane coatings. PROTECH PLUS eliminates the need for floor finishes and improves hygiene with an EPA approved anti-bacterial treatment which effectively removes 99.9% of surface bacteria. Each one of the fifteen colors in the TAJ Imperial Phthalate Free LVT collection has been specifically designed to coordinate with a color in the TAJ Majestic Phthalate Free Sheet Collection.

**Wear Layer Thickness:** 0.5mm (20mils)

**Overall Product Thickness:** 3.0mm

**Dimensions:**

- 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 site conditions.

Approved Adhesives:

- **TAJ Eco Bond 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 as tested by ASTM F710.
- **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 should be from 5-12.

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 recommended Eco Bond Adhesive System. No substitutions. This adhesive will tolerate point loads within 4 hours of installations.

**Warranty:** 20-year wear warranty. Complete copy of warranty is available upon request.

**LEED Scorecard:** MR4, IEQ4.1, IEQ4.3