

TECHNICAL SPECIFICATION

TAJ Imperial Phthalate Free LVT



Imperial Phthalate Free LVT is a collection of phthalate free, high performance, and low maintenance antimicrobial resilient plank product. Imperial is built with a Protech Plus® ceramic bead infused UV cured polyurethane finish which has 2x 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. With 15 colors to choose from, each plank visual has been specifically designed to coordinate with a resilient vinyl sheet design from our **Majestic Phthalate Free Sheet Vinyl** collection.



PRODUCT DETAILS			
Overall Product Thickness	3.0MM	Dimensions	Plank: 6" x 36" nominal
Wear Layer	0.5MM (20mil)	Pieces per Carton	24 planks
Warranty	20 Year Commercial	SQ FT per Carton	36 sq ft

Test Results Data: The following data is supported by independent testing companies. Copies of test results are available upon request.

TEST	RESULT
ASTM F1700 Product Classification	Class III, Type A (smooth), Type B (embossed)
ASTM E648 Fire Resistance	Class 1 > 0.45
ASTM E662 Smoke Density	< 450, Flaming/Non-Flaming
ASTM F970 Static Load	1100 psi
ASTM C1028-89 Slip Resistance	> 0.6 per ADA
Chemical & Stain Resistance	Excellent
VOC Emission	Negligible
FloorScore® Certified	Yes
LEED	MR4, IEQ4.1, IEQ4.3



Scan or [click here](#) to access technical information including full warranty, installation and maintenance guides, certifications and more.

Installation: Inspect subfloor surfaces carefully to determine acceptability. All TAJ flooring products must be installed under proper site conditions. Prior to installation, reviewing our Installation Instructions guide is strongly advised. Approved adhesives:

- **TAJ Eco Bond Spray Adhesive:** Maximum 8.0 lbs. MVER (Moisture Vapor Emission Rate) per 1,000 sf per 24 hours as tested by ASTM F1869 or maximum RH (Relative Humidity) 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.

Protection: Although not required, the use of high-quality floor finishes will further protect the floor in heavy traffic areas. Chair and table legs should be capped with the proper floor protection glides.

Hospital Beds: If TAJ LVT is to be used in patient rooms, the area under the beds must be installed using the recommended Eco Bond Spray Adhesive System. No substitutions. This adhesive will tolerate point loads within 4 hours of installation.

Maintenance: Use of quality floor finishes is not required. If a flooring finish is desired, the use of a floor finish will further protect the floor in heavy traffic areas. Chairs and table legs should be capped with metal swivel glides. See detailed Maintenance Instructions.

Plant Certifications: ISO14001, ISO9000



Scan or [click here](#) to view this collection online and to order samples, or to contact our team for more information and assistance.



V.042025