

TECHNICAL SPECIFICATION

TAJ Majestic Phthalate Free Sheet Flooring



Majestic Phthalate Free Sheet Flooring is a high-performance phthalate free fiberglass reinforced low maintenance antimicrobial heterogeneous commercial sheet vinyl product. Majestic vinyl sheet 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.



PRODUCT DETAILS			
Overall Product Thickness	2.0MM (0.080 in.)	Warranty	20 Year Commercial
Wear Layer Thickness	0.5MM (20mil)	Dimensions	6' x 65'6"
Wear Layer	High Molecular Weight Polymerized Vinyl	SQ YD per Roll	43.67 sq yd

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

TEST	RESULT
ASTM F1303 Product Classification	Type 1, Grade 1, Backing Class B
ASTM E648 Fire Resistance	Class 1 > 0.45
ASTM E662 Smoke Density	<450, Flaming/Non-Flaming
ASTM F970 (modified) Static Load	1100 psi
ASTM C1028-89 Coefficient of Friction / Slip Resistance	> 0.6 per ADA
DIN 51130:2014 Coefficient of Friction	R10
Chemical & Stain Resistance	Excellent
VOC Emission	Negligible
FloorScore® Certified	Yes
CHPS 1350 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-1095 Pressure Sensitive 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.
- **TAJ-U100 High Moisture Capable Wet Set Adhesive:** Appropriate for up to 100% RH, pH between 5-14, no moisture testing required.
- **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.
- **Mapei 2-Part Epoxy or Urethane Hard Set Adhesive:** Follow adhesive’s manufacturer guidelines for use with sheet vinyl.

Hospital Beds: If TAJ sheet vinyl flooring is to be used in patient rooms, special care must be taken in the area under the beds and heavy equipment. Hard setting 2-part adhesive systems such as Mapei-G-15 (Epoxy), G-19 (Urethane), or G-21 (Urethane) give the best results of limiting residual indentation and should be used in these instances. Follow adhesive manufacturer’s instructions for use.

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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.

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



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