TECHNICAL SPECIFICATION

2-3-5 Luxury Vinyl Plank & Tile

2-3-5 Luxury Vinyl Plank & Tile products are phthalate-free and designed with a high molecular weight polymerized vinyl wear layer supported by a high strength vinyl backing. Incorporated into the wear surface during the manufacturing process, 2-3-5 tiles and planks are built with a Protech Plus® ceramic bead infused UV cured urethane finish which provides two times better scratch resistance than typical urethane coatings. This factory applied coating eliminates the need for floor finishes and improves hygiene and chemical resistance.

	2MM	3MM	5MM*
Wear Layer Thickness	12 MIL (0.305MM)	20 MIL (0.5MM)	20 MIL (0.5MM)
Wear Layer Finish	Protech Plus®		
Warranty	15 Year Light Commercial	20 Year Commercial	20 Year Commercial
ASTM TESTING & CERTIFICATIONS			
ASTM F1700 Product Classification	ASTM F1700 Class III Type B (embossed)		
ASTM E648 Fire Resistance	Class 1 > 0.45		
ASTM E662 Smoke Density	< 450, Flaming/Non-Flaming		
ASTM F970 Static Load	1500 psi	1500 psi	1000 psi
ASTM C1028-89 Slip Resistance	> 0.6 per ADA		
Chemical & Stain Resistance	Excellent		
VOC Emission	Negligible		
FloorScore® Certified	Yes		
LEED	Low Emitting Adhesives IEQ4.1, Low Emitting Coatings IEQ4.2, Low Emitting Material		
Recycled Content	100% Virgin Material, No Recyclable Content, Phthalate Free		

2MM Flame Spread Rating: ASTM E84 Class A

5MM Modular Acoustic Flooring Acoustic Test Results:

ASTM E492 Impact Sound Conduction	IIC 57
ASTM E90 Airborne Sound Transmission	STC 62

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:

Floor Applications

- **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.
- **TAJ U100 High Moisture Capable Wet Set Adhesive:** Appropriate for up to 100% RH, pH between 5-14, no moisture testing required.

Wall and Vertical Surface Applications

- **TAJ Specialty Wall Adhesive for LVT**: High moisture resistance. No moisture testing required. Maximum 25.0 lbs. MVER (Moisture Vapor Emission Rate) per 1,000 sf per 24 hours as tested by ASTM F1869 or maximum RH (Relative Humidity) of 100% as tested by ASTM F2170. Test pH of concrete – pH should be 14 or less as tested by ASTM F710.

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.

Trade Agreements Act (TAA) Compliant

Plant Certifications: ISO 14001, ISO 9001

Packaging by Product Size

Thickness	Size	Pieces per Carton	SQ FT per Carton
2MM	7” x 48”	22 planks	51.24 sq ft
2MM	12” x 24”	25 tiles	50 sq ft
2MM	18” x 36”	-	-
2MM	36” x 36”	-	-
3MM	7” x 48”	15 planks	35 sq ft
3MM	12” x 24”	18 tiles	36 sq ft
3MM	18” x 36”	10 tiles	45 sq ft
3MM	36” x 36”	5 tiles	45 sq ft
5MM	7” x 48”	10 planks	23.33 sq ft
5MM	12” x 24”	10 tiles	20 sq ft
5MM	18” x 36”	6 tiles	27 sq ft
5MM	36” x 36”	3 tiles	27 sq ft

TECHNICAL SPECIFICATION

2-3-5 Luxury Vinyl Plank & Tile

TAJ FLOORING
GLOBAL MANUFACTURING, LOCAL SERVICING

Product SKU & Sizing Guide

SKU	Design, Color	Base Size	2MM, 12MIL	3MM, 20MIL	5MM, 20MIL
TAJ-9109	**Elm, Cloud**	7" x 48"	TAJ-9109F2	TAJ-9109F3	TAJ-9109D5
TAJ-9112	**Elm, Wheat**	7" x 48"	TAJ-9112F2	TAJ-9112F3	TAJ-9112D5
TAJ-9102	**Exowood, Sienna**	7" x 48"	TAJ-9102F2	TAJ-9102F3	TAJ-9102D5
TAJ-9103	**Exowood, Gray**	7" x 48"	TAJ-9103F2	TAJ-9103F3	TAJ-9103D5
TAJ-9104	**Exowood, Umber**	7" x 48"	TAJ-9104F2	TAJ-9104F3	TAJ-9104D5
TAJ-9106	**Hewn, Khaki**	7" x 48"	TAJ-9106F2	TAJ-9106F3	TAJ-9106D5
TAJ-9107	**Hewn, Silver**	7" x 48"	TAJ-9107F2	TAJ-9107F3	TAJ-9107D5
TAJ-9108	**Hewn, Fog**	7" x 48"	TAJ-9108F2	TAJ-9108F3	TAJ-9108D5
TAJ-9113	**Rift, Mushroom**	7" x 48"	TAJ-9113F2	TAJ-9113F3	TAJ-9113D5
TAJ-9114	**Rift, Russet**	7" x 48"	TAJ-9114F2	TAJ-9114F3	TAJ-9114D5
TAJ-9116	**Rift, Honey**	7" x 48"	TAJ-9116F2	TAJ-9116F3	TAJ-9116D5
TAJ-9118	**Zebra, Carob**	7" x 48"	TAJ-9118F2	TAJ-9118F3	TAJ-9118D5
TAJ-9119	**Zebra, Flint**	7" x 48"	TAJ-9119F2	TAJ-9119F3	TAJ-9119D5
TAJ-9120	**Zebra, Graphite**	7" x 48"	TAJ-9120F2	TAJ-9120F3	TAJ-9120D5
TAJ-9130	**Native, Sand**	12" x 24"	TAJ-9130W2	TAJ-9130W3	TAJ-9130C5
		18" x 36"	-	TAJ-9130G3	TAJ-9130R5
		36" x 36"	-	TAJ-9130L3	TAJ-9130N5
TAJ-9131	**Native, Lapis**	12" x 24"	TAJ-9131W2	TAJ-9131W3	TAJ-9131C5
		18" x 36"	-	TAJ-9131G3	TAJ-9131R5
		36" x 36"	-	TAJ-9131L3	TAJ-9131N5
TAJ-9132	**Native, Shadow**	12" x 24"	TAJ-9132W2	TAJ-9132W3	TAJ-9132C5
		18" x 36"	-	TAJ-9132G3	TAJ-9132R5
		36" x 36"	-	TAJ-9132L3	TAJ-9132N5
TAJ-9133	**Native, Lead**	12" x 24"	TAJ-9133W2	TAJ-9133W3	TAJ-9133C5
		18" x 36"	-	TAJ-9133G3	TAJ-9133R5
		36" x 36"	-	TAJ-9133L3	TAJ-9133N5
TAJ-9134	**Native, Ash**	12" x 24"	TAJ-9134W2	TAJ-9134W3	TAJ-9134C5
		18" x 36"	-	TAJ-9134G3	TAJ-9134R5
		36" x 36"	-	TAJ-9134L3	TAJ-9134N5
TAJ-9135	**Native, Pebble**	12" x 24"	TAJ-9135W2	TAJ-9135W3	TAJ-9135C5
		18" x 36"	-	TAJ-9135G3	TAJ-9135R5
		36" x 36"	-	TAJ-9135L3	TAJ-9135N5
TAJ-9138	**Soapstone, Dark**	12" x 24"	TAJ-9138W2	TAJ-9138W3	TAJ-9138C5
		18" x 36"	-	TAJ-9138G3	TAJ-9138R5
		36" x 36"	-	TAJ-9138L3	TAJ-9138N5
TAJ-9139	**Soapstone, Light**	12" x 24"	TAJ-9139W2	TAJ-9139W3	TAJ-9139C5
		18" x 36"	-	TAJ-9139G3	TAJ-9139R5
		36" x 36"	-	TAJ-9139L3	TAJ-9139N5
TAJ-9140	**Terrazzo, Dark**	12" x 24"	TAJ-9140W2	TAJ-9140W3	TAJ-9140C5
		18" x 36"	-	TAJ-9140G3	TAJ-9140R5
		36" x 36"	-	TAJ-9140L3	TAJ-9140N5
TAJ-9141	**Terrazzo, Light**	12" x 24"	TAJ-9141W2	TAJ-9141W3	TAJ-9141C5
		18" x 36"	NA	TAJ-9141G3	TAJ-9141R5
		36" x 36"	NA	TAJ-9141L3	TAJ-9141N5

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

v.32022