

TECHNICAL SPECIFICATION

TAJ Wavelength Modular Acoustic Flooring



Wavelength Modular Acoustic Flooring is a fiberglass reinforced heterogeneous modular floor tile with a factory applied nonslip backing. Wavelength is manufactured with high molecular weight polymerized wear layer which is supported by high strength vinyl backing. The modular tile is sealed with Protech Plus® UV cured, ceramic bead infused polyurethane finish which enhances ease of maintenance and provides antimicrobial performance. Modular Acoustic Flooring is engineered to contribute to quiet environments and limit sound transmission without the need for acoustical underlayment.



PRODUCT DETAILS				
Overall Product Thickness	5.0MM	Dimensions	Plank: 7" x 48"	Tile: 12" x 24", 36" x 36"
Wear Layer	0.5MM (20mil)	Pieces per Carton	7" x 48": 10 planks	12" x 24": 10 tiles 36" x 36": 4 tiles
Warranty	20 Year Commercial	SQ FT per Carton	7" x 48": 23.33 sq ft	12" x 24": 20 sq ft 36" x 36": 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	1000 psi
ASTM C1028-89 Slip Resistance	> 0.6 per ADA
ASTM E492 Impact Sound Conduction	IIC 57
ASTM E90 Airborne Sound Transmission	STC 62
Chemical & Stain Resistance	Excellent
VOC Emission	Negligible
FloorScore® Certified	Yes
LEED	MR4, IEQ4.1, IEQ4.3
Recyclable Content	42% post-consumer, 28% pre-consumer



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

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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