ZANDUR

Specifications & Testing

Flex Nitria™ Rubber Sport Flooring

Construction

Vulcanized Nitria™ (Nitrile Rubber) consisting of a 3.5mm impermeable wear layer fused to a resin reinforced, impact absorbing rubber backing. Low density rubber backing contributes significantly to overall comfort, acoustics and sustainability.

Installation

Install over plywood or concrete with #10 acrylic adhesive for light to moderate use or #15 2-part urethane adhesive for moderate to heavy use. Select adhesive based on use.

Maintenance

Unfinished or site applied mop-on finish options.

Thickness

7.0mm, 10.0mm

Dimensions

Tile: 38" x 38"; 19" x 19"
Plank: 19" x 38"; 9.5" x 38"; 4.75" x 38"

Warranty

- 1 Year Manufacturing Defect
- 20 Year Commercial Wear

Testing

Manufacturing Location	Made in the USA		
Wear layer Thickness	3.5mm		
Material Classification	ASTM F1344	Type IIB	
Fire and Smoke Behavior	ASTM E84	Class I	
Smoke Density	ASTM E662	<450 pass	
Coefficient of Friction	ASTM D2047	1.06 Dry	0.90 Wet
Slip Coefficient exceeds UL and ADA Recommendations		Yes	
Static Load	ASTM F970	350psi	
Chemical Resistance	ASTM F925	Excellent[1]	
Bacterial Resistance	ASTM G21	Resistant	
CHPS Indoor Air Quality Compliant	CA 01350	Yes	
Floor Score Certification	CA 01350	Yes	
Suitability for Castered Chairs[2]		Yes	
Recommended Furniture Glides	Metal or Rubber (90 Shore A Durometer or Less) Plastic Not Recommended		
Acoustical Behavior[5] - STC	ASTM 90/413	50	
Acoustical Behavior[5] – IIC	ASTM 492/989	55	
Acoustical Behavior[5] – Delta IIC	ASTM 492	25	

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1. Detailed test results may be obtained from Zandur.
2. Material should be installed with Zandur #15 two part urethane adhesives to achieve best performance where heavy loads may be applied. Casters must be of 90 durometer (Shore A) or lower hardness, must be made of rubber and shall have rounded edges. Ball casters are not recommended. Due to the abrasive nature of casters, chain pads are highly recommended to protect the floor from pre-mature wear.
3. Above test results are from specific materials. Variance from above values may occur due to variances in production and/or raw materials or product changes. Obtain current specifications from zandur.com.
4. Zandur reserves the right to change published specifications and related technical data at anytime and without prior notice due to product changes and improvements.
5. Acoustic results based on backing/underlayment and do not take into account additional acoustical benefits of top wear layer.