

Specifications & Testing

Sustain Nitria™ Rubber + Cork Sport Flooring

Construction

Vulcanized Nitria™ (Nitrile Rubber) & Cork blend consisting of a 2.5mm impermeable wear layer fused to a resin reinforced impact absorbing rubber backing. Added cork and backing contribute significantly to overall comfort, acoustics and sustainability.

Installation

Install with #10 Zero VOC acrylic or 2-part urethane adhesive over plywood or concrete. Select adhesive based on use.

Maintenance

Unfinished, spray-buff or site applied mop-on finish options.

Thickness

6.0mm, 9.0mm

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	2.5mm		
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	1.07 Dry	0.96 Wet
Slip Resistance	BS EN 13036-4	67 PTV/R12 Dry	24 PTV/R10 Wet
Slip Coefficient exceeds UL and ADA Recommendations		Yes	
Suitable for Ramps		Yes	
Static Load Limit / PSI	ASTM F970	350psi *Best Class*	
Chemical Resistance	ASTM F925	Excellent ¹	
Bacterial Resistance	ASTM G21	Resistant	
CHPS Indoor Air Quality Compliant	CA 01350	Yes	
Meets Test Required for 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	55	
Acoustical Behavior ⁵ – IIC	ASTM 492/989	54	
Acoustical Behavior ⁵ – Delta IIC	ASTM 492	23	



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.