

INFINITY FLOORING TILE SPECIFICATION

Physical Specification: INFINITY FLOORING configurations consist of a high density unitary prefabricated polymeric wear surface permanently molded to an underlayment incorporating tapered support legs to maximize shock absorbency and traction underfoot in wet and dry conditions as well as twelve molded perimeter dowel holes that accept specially designed barbed dowel pins to promote ease of installation.

Component Specification: INFINITY FLOORING is a factory molded modular surfacing system composed of high quality rubber granules bound in both underlayment and wear surface with a wear and weather resistant polyurethane. The polyurethane binder is composed of MDI (diphenylmethanediisocyanate) isocyanate and polyether (polypropyleneglycol) polyols. TDI (toluene diisocyanate) isocyanate or catalysts based on lead or mercury are not utilized. Rubber granules in both wear surface and underlayment are specially blended to enhance tile strength, durability and energy absorption characteristics.

INFINITY FLOORING TILE SPECIFICATION

Product Data	1" Thickness		
	20% EPDM Topped	95% EPDM Topped	
Dimensions (78° F.):	1" x 24" x 24" ± 1/8"	1" x 24" x 24" ± 1/8"	
Wear Surface Density	60 lb./ft ³ min.	75 lb./ft ³ min.	
Coefficient of Thermal Expansion	1.1 x 10 ⁻³ in/ft/°F	1.1 x 10 ⁻³ in/ft/°F	
Thermal Conductivity	0.400 Btu-in/hr-ft ² - °F	0.400 Btu-in/hr-ft ² - °F	
Void Volume	13% minimum	13% minimum	
Weight	16 lbs./tile 4 lb./ft ²	16 lbs./tile 4 lb./ft ²	
Physical Data Test	ASTM		
Tensile Strength	D412	200 lb/in ² min	150 lb/in ² min
Elongation at Break	D412	80% minimum	75% minimum
Impact Insulation Class	E49	> 50	> 50
Tear Resistance	D624	75 lb./in min.	60 lb./in min.
Coefficient of Friction	D2047	>0.99	>0.99
Noise Reduction Coefficient	C423	0.10 sabine/ft ²	0.10 sabine/ft ²
Flammability (Burning Pill Test)	D2859	8 of 8 samples passed	8 of 8 samples passed
Abrasion Testing 2000 cycles, H22 wheels	D3389	0.1 maximum mg loss per cycle	0.6 maximum mg loss per cycle

Installation: INFINITY FLOORING may be installed indoors over most concrete, wood, or tile floors. The substrate over which INFINITY FLOORING is installed must be level, in good condition, and clear of dirt and loose debris. Cracks greater than 1/8" should be filled. Outdoor installations may be installed over concrete or asphalt.

Installation must be performed by the manufacturers own installation crew. For complete design and installation information, please contact Infinity Performance, Inc. at 888-479-1017.

Maintenance

Taski floor care and maintenance products, available nationally, offer simple and reliable protection and performance. For more detailed information, please refer to the **INFINITY FLOORING** Maintenance Instructions.

Warranty: INFINITY FLOORING is warranted for a period of 6 (six) years against premature deterioration, manufacturer's defects as well as any damage whatsoever to the INFINITY FLOORING material due to dropping free weights directly on the INFINITY FLOORING.

A 6 (six) year installation warranty is issued when the floor is installed by **Infinity Performance's** own installation crew.