

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 5 years against premature deterioration, manufacturer's defects as well as splitting or tearing due to damage from free weights. A 5-year installation warranty is issued when the floor is installed by **Infinity Performance's** own installation crew.