

TERRAFIT® – BALLISTIC TILES

ABOUT Made of tough rubber particles that are bound by MDI polyurethane binder. These tiles exhibit excellent capturing properties to prevent ricochets. The finished surface is smooth with no protruding edges. Can be used in indoor and outdoor shooting ranges for walls, floors and walkways.



PERFORMANCE ATTRIBUTES

- Absorbs projectiles and calibers
- Suitable for outdoor applications
- Sound-absorbent
- Slip-resistant and easy to clean
- Reliable protection from ricochet and bullet fragments
- Offers protection even under unfavourable angles of impact
- High resistance to wear even under intensive use
- Eco-friendly

DIMENSIONS

- Size: 500mm x 500mm
- Thickness: 30-50mm
- Standard Tolerances: Width: +/- 3 mm
Length: +/- 3mm
Thickness: +/-2mm

TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Dimensional Stability	AS 2498.6	+/-1mm (23 to 70oC)	<1.0mm
Duro – Shore Hardness	AS 1683.15.2	Shore A	60-70
Density	ISO 845 Method A	Kg/CBM	930
Color Fastness (UV resistance)	SAE J2020 QUV accelerated Weathering	No chalkiness or color change after 500hrs	No color change after 500hrs
Shear Strength	ISO 1827	MPa	2.56
Compression Strength @ 20%	ASTMD 575	MPa	1.20
Compression Young's Modulus	ASTMD575	MPa	0.26
Tensile Strength	ISO 39-2005	MPa	3.03
Elongation at tear	AS 1683.12	%	50
Heat Conductivity	ASTM C518	W/mK	0.1906
Heat Resistance/thermal, resistance, K factor conditions (Nominal temp 25oC)	ASTM C518	m2 K/W	0.1283

THICKNESS 24-45mm

*The values & properties stated above are carried out in our lab for the component used in the production. However, they do not constitute a guarantee for a specific product feature & do not establish a legal contract

CERTIFICATIONS



CONTACT

+971 4 263 2332 | +971 55 325 2253
 inquiry@terrainfloorings.com
 terrainfloorings.com

