

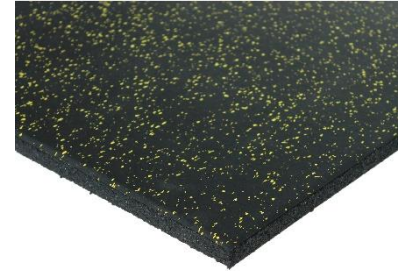


Technical Datasheet

Terrain – Duo

Thickness: 20mm and above

Impact absorbing, Durable & slip resisting safety tiles.



ABOUT

An amalgamation of tile and mat, Duo is for those who require a smoother finish. It gives you the advantage of a great looking product with better cushioning. Made of Styrene-Butadiene Rubber (SBR) which is a copolymer of styrene and butadiene characterized by its superior hardness & durability where heavy weight loads and dumbbell falls are usual.

DIMENSIONS

- Size: 50cm x 50cm, 100cm x 100cm
- Standard Tolerances: Width: +3/4" - 0";
Length: +1% - 0";
Thickness: ±0.3mm

PERFORMANCE ATTRIBUTES

- Compatible with most floor finishes.
- Fast installation.
- Natural elasticity reduces noise.
- Antistatic
- Smooth finish & easy to maintain
- Crack isolation membrane protects ceramic tile, porcelain and stone tile

MATERIAL

- 100% SBR granulated tiles at the bottom
- 2mm roll at the top with 85% SBR granulated + 15% EPDM flecks in 4 color variations
- Customizable with EPDM top layer

TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Dimensional Stability	AS 2498.6	+/-1mm (23 to 70°C)	<1.0mm
Duro – Shore Hardness	AS 1683.15.2	Shore A	60-70
Density	ISO 845 Method A	Kg/m ³	950-1020
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	ASTMD 575	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 25°C)	ASTM C518	m ² K/W	0.1283
Abrasion Resistance	ASTM D5963	mm ³	Max 235
Anti-slip property	DIN 51130	R9	Acceptance angle 6-10°

*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.