

TerraPlay® – ELITE

ABOUT

For super soft playtime fun, we have special tiles that are gentle on little knees! They help cushion falls and when things drop, making the play area safe for everyone. Perfect for all your adventures!

Made of Styrene-Butadiene Rubber (SBR) which is a copolymer of styrene and butadiene characterized by its superior hardness & durability.



PERFORMANCE ATTRIBUTES

- Compatible with most floor finishes.
- Fast installation.
- Natural elasticity reduces noise.
- Antistatic

DIMENSIONS

- Size: 50cm x 50cm
- Thickness (mm): 70
- Color variation: 10-15% for pigmented tiles
- Standard Tolerances: Width: +/- 3 mm
Length: +/- 3mm
Thickness: +/-2mm

MATERIAL

- 100% SBR granulate in 7 color options.

TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	TEST VALUES
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/thermai, resistance, K factor conditions (Nominal temp 25°C)	ASTM C518 THICKNESS 24-45mm	m ² K/W	0.1283
Abrasion resistance	ASTM D5963	mm ³	Max 235

*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



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