TECHNICAL DATA SHEET

TERRAPLAY®

Play Solutions by Casa Vera

TerraPlay® – SQUARE



ABOUT

We have a great selection of colorful square tiles for play areas! They're sturdy and can handle all the jumping and running your kids love, making your space vibrant and fun for endless 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, 100cm x 100cm
- Thickness (mm): 10, 15, 20, 25, 30, 35,40,45,50
- Color variation: 10-15% for pigmented tile
- Standard Tolerances : Width: +/- 3 mm
  Length: +/- 3mm
  Thickness: +/-2mm

MATERIAL

- 100% SBR granulate in 7 color options
- 85% SBR granulated + 15% EPDM granulated in 20+ color combination.

TECHNICAL DATA

PROPERTY	TEST METHOD	UNITS	TEST VALUES
Dimensional Stability	AS 2498.6	+/-1mm (23 to 70°C)	<1.0mm
Duro – Share 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 THICKNESS 24-45mm	m^2K/W	0.1283

*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

ISO 9001:2015

ASTM INTERNATIONAL E648, E492, E2179 E648, E3152-18

LABOSPORT EN1177, EN71

UAE صنع في الإمارات MADE IN UAE

Casa Vera