

### TerraPlay® – TURF FIT

#### ABOUT

Turf Fit is a high-performance, durable turf tile crafted for gym and sports areas. Engineered to withstand intense workouts and heavy foot traffic, it provides excellent traction and shock absorption for a safe, comfortable training surface. Ideal for fitness zones, sports fields, and high-impact activities, Turf Fit is low- maintenance, versatile, and built to endure.



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, 100 x 100 cm
- Thickness (mm): 20, 30, 40, 50, 70
- Color variation: 10-15% for pigmented tiles
- Standard Tolerances: Width: +/- 3 mm  
Length: +/- 3mm  
Thickness: +/-2mm

#### MATERIAL

- 100% SBR granulate.
- High performance turf top layer

#### TECHNICAL DATA RUBBER TILE

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 <sup>3</sup>	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 <sup>2</sup> K/W	0.1283
Abrasion resistance	ASTM D5963	mm <sup>3</sup>	Max 235

#### CERTIFICATIONS



#### CONTACT

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### TECHNICAL DATA FOR GRASS

YARN CHARACTERISTICS			
<b>YARN 1</b>			
<b>Structure:</b>	Monofilament		
<b>Composition:</b>	PE		
<b>Dtex:</b>	8000		
<b>Tape thickness:</b>	0.105~0.145mm		
<b>Tape width:</b>	0.8~1.0mm		
<b>UV Effects:</b>			
<b>Pile yarns color change:</b>	4-5(Emerald),4-5(Lime),		
CARPET CHARACTERISTICS			
<b>TURF</b>			
<b>Pile height:</b>	15mm±1mm	<b>Gauge:</b>	3/16inch
<b>Number of strands per tuft:</b>	8	<b>Stitches per 10cm:</b>	26±1
<b>Stitches per m<sup>2</sup>:</b>	54600±100	<b>Total yarn weight:</b>	1630g/sqm ±10%
BACKING			
<b>Primary backing:</b>	PP + polyester fiber short-staple + Mesh scrim inlay		
<b>Weight:</b>	250g/sqm		
<b>Secondary backing:</b>	Latex		
<b>Weight:</b>	950g/sqm±10%		
<b>Total carpet weight:</b>	2830g/sqm ±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.

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