

TerraFit® – SQUARE

ABOUT

A wide range of rubber tiles available in an extensive collection of colors for use in intensive gym environments. 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 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 THICKNESS 24-45mm | m ² K/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



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