

PULSE

Premium 20mm Fitness Rubber Tile

PRODUCT DESCRIPTION

Superstrata Pulse is a 20mm premium rubber flooring tile designed for functional fitness areas, cardio zones, and general commercial gym use. The tile combines a dense, hard-wearing top layer (up to 2.5mm thick) with a shock-absorbing recycled rubber base layer. The studded underside provides certified acoustic performance, reducing impact sound by 21dB. Available in the widest colour range in the Superstrata range, Pulse is the specification choice for gyms requiring both performance and visual impact. Adhesive-free installation via the hidden connector system.

TECHNICAL SPECIFICATIONS

Property	Value	Test Standard
Material Composition	100% SBR (Pure Black) or 85% SBR / 15% EPDM	—
Tile Dimensions	1,000 × 1,000 mm or 500 × 1,000 mm	—
Thickness	20mm	—
Bulk Density — Top Layer	Approx. 1,050 kg/m ³	—
Bulk Density — Sub Layer	Approx. 1,000 kg/m ³	—
Approximate Weight	18 kg (1,000 × 1,000 mm)	—
Dimensional Tolerance	+/- 1.5%	—
Sound Insulation	21 dB reduction	NBN EN ISO 17025
Shock Absorption	61%	EN 14808
Vertical Deformation	5 mm	EN 14809
HIC Test (Head Injury)	1.5 m at 50mm thickness	EN 1177
EU Fire Classification	Efl	EN 13501-1
Slip Resistance	Dry slip resistance	—
Thermal Resistance	0.16 m ² .K/W	—
Antistatic	Yes	—
Installation Method	Free-floating connector system (no adhesive)	—
Warranty	5 years	—

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AVAILABLE FINISHES & DIMENSIONS

Pure Black (100% SBR): 1,000 × 1,000 mm and 500 × 1,000 mm

15% EPDM variants: Blue, Green, Red, Yellow, Pink, Light Grey, Dark Grey, Granite

Available in 1,000 × 1,000 mm and 500 × 1,000 mm formats.

Edge finishing: stainless steel or aluminium profile. Matching ramps and corners available.

RECOMMENDED APPLICATIONS

Functional fitness areas · Cardio zones · Machine areas · Group exercise studios · Boutique gym floors · Hotel gym suites · Leisure centre general exercise areas · Education and school sports halls · CrossFit box general floor areas.

NBS SPECIFICATION CLAUSE

Clause Reference: M50 / 105 — Rubber Flooring Tile, Standard

Supply and install Superstrata Pulse rubber flooring tiles to the areas indicated on drawings. Tiles to be 1,000 × 1,000 mm or 500 × 1,000 mm, 20mm thickness, manufactured from high-density SBR rubber with optional 15% EPDM coloured top layer. Bulk density of top layer: approx. 1,050 kg/m³. Shock absorption: 61% (EN 14808). Impact sound reduction: 21dB (NBN EN ISO 17025). Fire classification: Efl (EN 13501-1). Install using manufacturer's proprietary polypropylene connector system without adhesive. Finish edges with aluminium or stainless steel profile as specified. Provide 5-year manufacturer's warranty on completion. Manufacturer: Superstrata Performance Flooring, www.superstrata.fit