

# TITAN

## Heavyweight Performance Rubber Tile

### PRODUCT DESCRIPTION

Superstrata Titan is a heavy-duty rubber flooring tile engineered for maximum impact protection in free weight zones, Olympic lifting platforms, and high-intensity strength areas. Manufactured from high-density recycled SBR rubber (100% SBR or 85% SBR / 15% coloured EPDM), the tile features a proprietary studded underside that absorbs impact, reduces vibration, and provides certified acoustic isolation of 24dB at 30mm thickness. Installation is adhesive-free via a hidden polypropylene connector system, allowing tiles to be lifted and relaid without damage to the subfloor.

### TECHNICAL SPECIFICATIONS

Property	Value	Test Standard
Material Composition	100% SBR (Pure Black) or 85% SBR / 15% EPDM	—
Tile Dimensions	500 × 1,000 mm	—
Thickness Options	30mm, 40mm	—
Bulk Density — Top Layer	Approx. 1,050 kg/m <sup>3</sup>	—
Bulk Density — Sub Layer	Approx. 1,000 kg/m <sup>3</sup>	—
Approximate Weight	12 kg (30mm) · 16 kg (40mm)	—
Dimensional Tolerance	+/- 1.5%	—
Sound Insulation	24 dB reduction (30mm)	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 <sup>2</sup> .K/W	—
Antistatic	Yes	—
Pentachlorophenol Compliance	Yes	—
Installation Method	Free-floating connector system (no adhesive)	—
Warranty	5 years	—

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## AVAILABLE FINISHES & DIMENSIONS

**Pure Black (100% SBR):** 30mm and 40mm · 500 × 1,000 mm

**15% EPDM variants (30mm):** Light Grey, Dark Grey

**15% EPDM variants (40mm):** Light Grey, Red, Orange

Edge finishing: stainless steel or aluminium profile. Matching ramps and L-shaped / sectorial corners available in all thicknesses.

## RECOMMENDED APPLICATIONS

Free weight zones · Olympic lifting platforms · Powerlifting areas · CrossFit rig zones · Sled push tracks · Commercial gym strength floors · Military and MOD fitness facilities · Hotel and hospitality fitness suites requiring subfloor protection.

## NBS SPECIFICATION CLAUSE

### Clause Reference: M50 / 110 — Rubber Flooring Tile, Heavy Duty

Supply and install Superstrata Titan rubber flooring tiles to the areas indicated on drawings. Tiles to be 500 × 1,000 mm, 30mm or 40mm thickness as specified, manufactured from high-density SBR rubber with optional 15% EPDM coloured top layer. Bulk density of top layer: approx. 1,050 kg/m<sup>3</sup>. Shock absorption: 61% (EN 14808). Impact sound reduction: 24dB at 30mm (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](http://www.superstrata.fit)