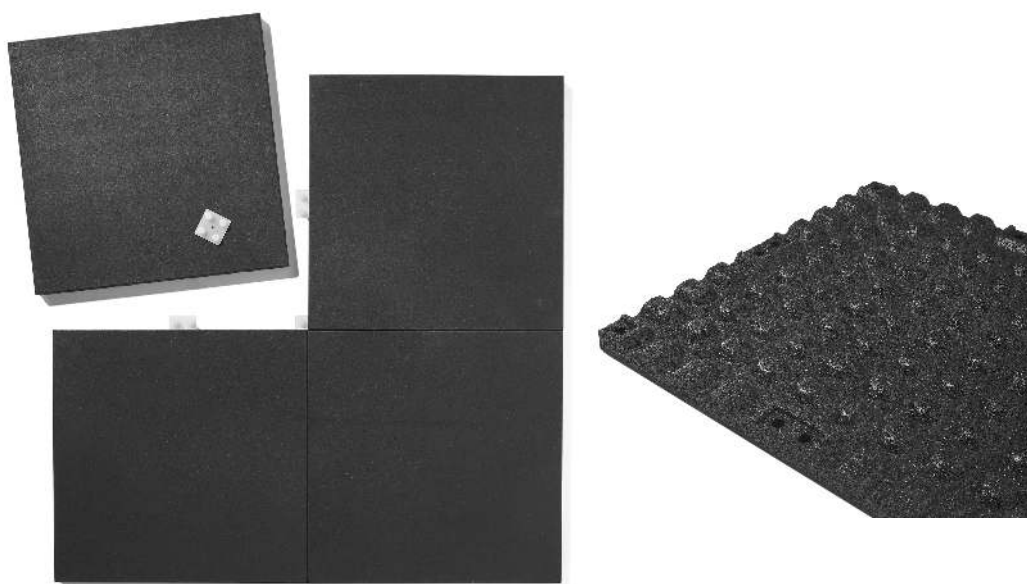


PermaFlex[®] Acoustic Gym Tile

PermaFlex[®] interlocking premium rubber tiles are expertly crafted to meet the demands of modern fitness suites and home gyms, particularly those with weight training and CrossFit areas. Engineered for quick and easy installation, these tiles offer unparalleled comfort, durability, and functionality, ensuring a superior user experience.

PermaFlex[®] Acoustic Cradles are designed to offer exceptional sound insulation and structural performance for a wide range of applications. Our cradles cater to the specific needs of architects, acoustic engineers, and quantity surveyors, ensuring optimal results in both residential and commercial projects.



"Powering the future with **sustainable solutions**"

VAN DYCK

Advantages of PermaFlex[®] Acoustic Gym Tiles

Superior Sound Insulation and Shock Absorption

At 30mm thick, PermaFlex[®] acoustic gym tiles provide exceptional sound insulation and shock absorption. This makes them an ideal solution for spaces requiring impact sound reduction and protection for screed or slabs. The tiles' robust construction minimizes noise and vibrations, creating a quieter and safer environment for intense workouts.

Enhanced Resilience and Comfort

Designed with user safety in mind, these tiles offer remarkable resilience and comfort, significantly reducing the risk of muscle and joint injuries. The high-quality rubber composition ensures lasting performance, making them a reliable choice for high-traffic areas.

Environmental Sustainability

Our PermaFlex[®] acoustic tiles are manufactured from post-consumer waste truck tyres promoting a circular economy and reducing waste. Each tile contains approximately 92% recycled content. The tiles are certified to GreenTag GreenRate Level B. Furthermore, the recycled rubber granulate has been tested for Toxicology according to EN 71-3:2019+A1:2021 and Polycyclic Aromatic Hydrocarbon Testing in accordance with REACH Regulation Annex XVII Entry 50. The rubber granulate meets the requirements of both tests.

Installation and Maintenance

The interlocking tiles use plastic connectors with 4 x pin locators. Connectors are installed to the underside of the tile at each corner and the middle of each side creating a seamless floor finish. The tiles are designed for versatility and sustainability, supporting an adhesive-free installation. This feature allows floor finishes to be removed without contamination, facilitating reuse in different locations. By eliminating the need for wet adhesives, our flooring systems not only ease the recycling process but also prevent the accumulation of waste in landfills. Committed to advancing the construction industry's environmental objectives, our adhesive-free gym flooring plays a pivotal role in the Circular Economy. It is engineered to reduce waste and promote the reuse of materials, aligning with global sustainability practices.

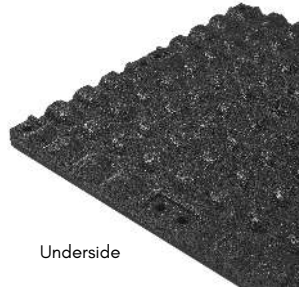
Choose PermaFlex[®] premium rubber tiles for a durable, eco-friendly, and high-performance flooring solution that meets the highest standards of quality and environmental responsibility.



PermaFlex[®] Acoustic Gym Tile Components



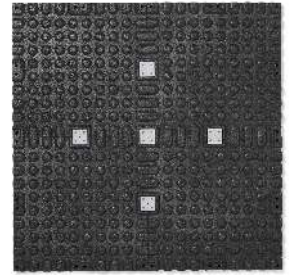
Plastic connector



Underside



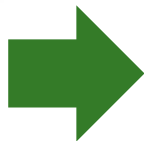
Top surface



Underside

Technical Specifications

Tile Thickness	30mm
Dimensions	500mm x 500mm
Weight	5.7kg per unit
Material	Recycled SBR rubber base. Recycled SBR top surface with upto 30% TPV coloured granules
Acoustic Performance	Up to 30dB impact sound reduction
Shock Absorption	61% according to EN14808
Slip Resistance	0.76 according to EN14041 & EN13893
Fire Resistance	Efl (B2) according to EN 13501-1



Our PermaFlex[®] acoustic tiles come in a diverse palette including black, red, gray, and green, with options to add speckled designs. These tiles not only enhance aesthetic flexibility but also contribute to superior acoustic performance in any space.

