

Fitness Floor Mat 18 mm (BZ)

The 18 mm WARCO fitness floor mat is a versatile choice for both home gyms and studios. It balances cushioning, stability and moderate sound absorption – ideal under fitness equipment or in training areas.

Its slip-resistant surface provides secure footing, while the elastic structure relieves joints and tendons. Thanks to the puzzle connection, installation is quick and requires no adhesive. Durable and easy to clean, the mat reliably protects athletes, equipment and the floor beneath.



Product data

Colour	Lemon Yellow	Weight	3.73 kg/Piece = 14.92 kg/m²
Installation	Interlocking puzzle joint with gently rounded bevel	Conversion	1 m² = 4 Piece
Packaging	540 x 540 x 18 mm	Useful size	500 x 500 x 18 mm

Properties



Colour Lemon Yellow

The Lemon Yellow colour is characterised by a vibrant and bright yellow hue that resembles the fresh colour of ripe lemons. This colour gives the product a warm and cheerful appearance. The rubber granules are made from newly manufactured yellow-coloured EPDM, which is UV-resistant, non-toxic and highly colour stable. Lemon Yellow is particularly suitable for environments where an uplifting and friendly atmosphere is desired.



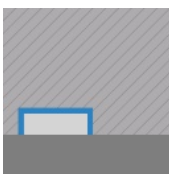
Material

The product has a two-layer structure, but is manufactured in a single pressing process, making it monolithic. The bottom layer, known as the functional layer, is made of black rubber granulate derived from the recycling of end-of-life tyres (ELT). Chemically, this granulate consists of a mixture of natural rubber (NR) and styrene-butadiene rubber (SBR). The top layer, known as the tread, is made from newly manufactured, fully coloured and toxin-free EPDM (ethylene-propylene-diene rubber) granules. This product meets the highest standards of safety, durability and functionality.



Installation

The edges of the tiles are designed with an interlocking puzzle connection. Any side of a tile can be connected to any side of any other tile. The installation grid is 50 cm. During installation, the puzzle teeth precisely fit together to form a permanent connection, ensuring a stable and secure surface. The elegantly rounded bevel creates a modern, refined joint pattern with closed or narrow gaps.



Structure of the underside

The underside of the tile features a structure of approximately 4 mm deep drainage channels. The drainage channels of adjacent tiles interconnect to form a continuous network, ensuring the efficient runoff of rainwater. The tiles can be installed on a bound base layer, on roof waterproofing systems, or on suitable gravel grids. Please follow the installation guidelines for proper application.

Fitness Floor Mat 18 mm (BZ)

Characteristics



Suitable for chlorinated water

Good resistance to chlorinated water, chlorinated cleaning agents and swimming pool water.



Colourfast and UV-resistant

The surface made of EPDM rubber granules is colourfast and long-term UV-resistant (sun).



Toxicologically safe

No impermissible pollutant emissions, initial rubber odour dissipates over time.



Cfl-s1

Fire behaviour according to EN 13501-1: Cfl-s1
Limited contribution to fire – Low smoke emission



Frost resistant

Resistant to frost and freezing water within the material – no cracking, tearing or breaking.



Indoor & Outdoor

Weather and frost resistant – suitable for versatile indoor and outdoor use.

Comparative values

The comparison of technical data on a scale from 1 to 5 provides a practical way of objectively comparing the relevant properties of WARCO products, making it easier to find the most suitable product for the intended application. Detailed information on the scale values and their calculation can be found online on the product detail page.

Slip resistance (EN 16165) – Scale value 4 = mean acceptance angle approx. 16°, group R10

Water Permeability (EN 12616) – Rating 4 = Infiltration approx. 600 mm/h (600 l/h/m²)

Abrasion resistance – Resistance to abrasive wear – Scale value 2 = "good" (BS 7188)

Slip resistance class DS (EN 14041) - Scale value 5 = Coefficient of friction approx. 0.6

Compressive strength - Scale value 2 = approx. 0.75 mm residual dent after 24 hours of unloading (BS 7188)

Apparent density - scale value 2 = 780 to 840 kg/m³

Shock, vibration, and impact sound insulation – Scale value 2 = comfortable damping

Thermal insulation – Scale value 2 = Thermal conductivity approx. 0.12 W/(m·K)

Michael Schladt
WARCO Bodenbeläge
Andergasse 17
67434 Neustadt an der
Weinstraße

WARCO Gallery
Klemmhof 9
67433 Neustadt an der Weinstraße
Terminvereinbarung erforderlich.

Fachberatung
06321 9152391

E-Mail: info@warco.eu
web: www.warco.eu