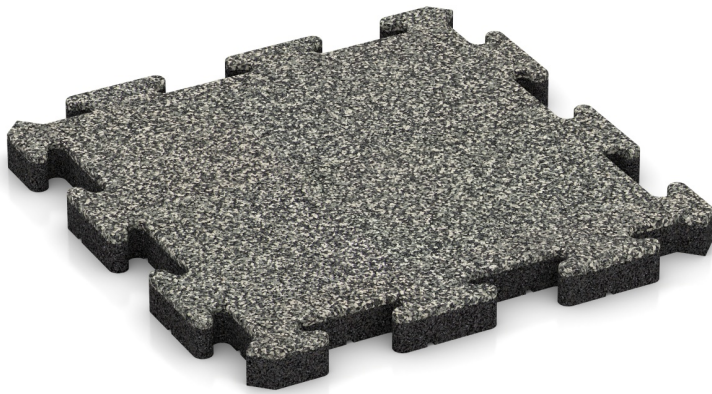


Pool Decking Tile (TZ)

The Pool Decking Tile is a safe and stylish flooring solution for pool surrounds, hot tubs and swimming facilities. Its moulded puzzle joint interlocks securely without glue.

The coloured EPDM surface is chlorine-resistant, UV-stable and comfortable under bare feet. The ELT base layer provides elasticity, durability and impact sound insulation. Natural colour blends make joints barely visible.

Easy to install on existing surfaces, bound sub-bases or plastic gravel grids. Frostproof, weather-resistant and low-maintenance. Individual tiles can be replaced at any time.



Product data

Colour	Grey Granite	Weight	7.85 kg/piece = 31.4 kg/m²
Fixing system	Jigsaw interlock with slight rounded bevel	Conversion factor	1 m² = 4 piece
Dimensions	540 x 540 x 40 mm	Usable dimensions	50 x 50 x 4 cm 0,25 m²

Properties



Colour Grey Granite

EPDM granules in light and dark shades of grey and anthracite are bound with a clear, UV-resistant polyurethane binder. The blend produces a vibrant, natural-looking colour pattern reminiscent of polished stone. High-quality pigments are fully integrated into the granules, and since EPDM is inherently UV-resistant, the colour remains stable over the long term.



Material

This product features a two-layer construction. The base layer comprises black End of Life Tyres (ELT) rubber granules recycled from used tyres, with a chemical composition of natural rubber (NR) and styrene-butadiene rubber (SBR). The wear layer consists of non-toxic EPDM (Ethylene Propylene Diene Monomer) granules with a grain size of approximately 1.0 to 4.0 mm, comprising a mixture of differently coloured granules. Polyurethane serves as the binding agent. The grain structure of the EPDM granulate is visible in the surface texture.



Fixing system

The plate edges are formed with jigsaw interlock on all four sides. Any edge can be connected to any edge on an adjacent plate. When installed, the teeth fit precisely together and create a strong, permanent connection. The slightly rounded bevel at the top edges produces neat, even joint lines. The completed surface has a calm, ordered appearance—the plates remain visible as a regular grid but read as a cohesive whole. No bonding or edge trim is required.



Structure of the underside

The bottom surface bears two structural features: approximately 4 mm deep drainage channels in a square arrangement, plus dome-shaped indentations of roughly 15 mm depth. The domes enhance shock absorption and support the dimensional stability of the tile. In outdoor areas and damp environments, water drains via the channels following the gradient; on water-permeable base layers, it seeps directly into the substrate. Installation guidelines must be observed.

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Characteristics



Frost resistant

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



Cfl-s1

Reaction to fire according to EN 13501-1: Cfl-s1
Limited contribution to fire. Low smoke production.



Indoor & Outdoor

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



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.



Suitable for chlorinated water

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

Comparative values

Comparing technical data on a scale from 1 to 5 offers a practical way to objectively assess 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 is available on the product detail page.

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

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

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

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

Thermal insulation – Scale value 4 = Thermal conductivity approx. 0.09 W/(m·K)

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

Shock, vibration, and impact sound insulation – Scale value 4 = strong damping

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

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