

Deck tile (CZ)

The deck tile is an elegant and practical outdoor flooring for balconies, terraces and roof terraces. The 30.6 × 30.6 cm tiles connect through a calibrated interlocking edge without bevels, creating an almost seamless surface.

Its slip-resistant and water-permeable surface dries quickly. The elastic structure prevents or reduces footstep noise and provides joint-friendly comfort and a pleasant feel underfoot, even when barefoot.

Weather- and frost-resistant, it is suitable for year-round outdoor use. Compared with stone, ceramic, WPC or wood, it shows only minimal ageing and remains functional and attractive for many years.



Product data

Colour	Rattan	Weight	2.37 kg/piece = 25.32 kg/m²
Fixing system	Cut jigsaw interlock without bevel	Conversion	1 m² = 10.68 piece
Dimensions	325 x 325 x 30 mm	factor Usable dimensions	30,6 x 30,6 x 3 cm 0,094 m²

Properties



Colour Rattan

EPDM granules in various shades of brown, beige and sand are bound with a clear, UV-resistant polyurethane binder. The blend of warm earth tones produces a naturally inviting colour pattern with a cosy character reminiscent of woven natural materials. High-quality pigments are fully integrated into the granules, and since EPDM is inherently UV-resistant, the colour remains stable over the long term.



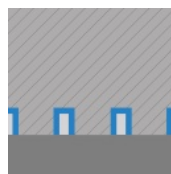
Material

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

Plates are precision-cut from larger stock, with the jigsaw interlock formed at the edges. Each edge fits perfectly to any adjacent edge to create a firm, position-stable connection. Since the edges are cut square—without bevel—only a hairline joint becomes visible. With consistent colour design, the individual plates are barely distinguishable; the surface reads as a single, continuous layer. The installation creates a homogeneous appearance whether for temporary or permanent applications.



Structure of the underside

The bottom surface is moulded with drainage grooves measuring approximately 4 × 15 mm, arranged in a right-angled pattern. When tiles are laid adjacent to one another, the grooves connect to form a continuous drainage network. In outdoor and damp environments, water is able to run off along the slope. On water-permeable base layers, moisture seeps directly into the substrate. This design is suitable for both bound and unbound base layers, roof waterproofing membranes and plastic grass grids. Refer to installation guidelines for correct fixing procedures.

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Characteristics



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).



Suitable for chlorinated water

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



Cfl-s1

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

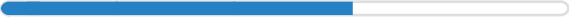



Toxicologically safe


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

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.



Thermal insulation – Scale value 3 = Thermal conductivity approx. 0.11 W/(m·K)



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


Compressive strength - Scale value 4 = approx. 0.25 mm residual dent after 24 hours of unloading (BS 7188)


Slip resistance (EN 16165) – Scale value 3 = mean acceptance angle approx. 15°, group R10


Abrasion resistance – Resistance to abrasive wear – Scale value 3 = "very good" (BS 7188)


Slip resistance class DS (EN 14041) - Scale value 2 = Coefficient of friction approx. 0.38


Water Permeability (EN 12616) – Rating 2 = Infiltration up to 10 mm/h (10 l/h/m²)


Apparent density - scale value 4 = 900 to 1000 kg/m³

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