

## Balcony rubber tile 1.8 cm (BZ)

The Balcony rubber tile 1.8 cm is made from PU-bonded rubber granules and is manufactured with increased density, meaning more material is used in each tile. This results in a durable surface with improved abrasion resistance. However, the higher density also reduces elasticity and water permeability.

The proven puzzle joint system ensures a durable tile installation without the need for screws or adhesives. With its robust specifications, this durable balcony tile is ideal for heavily trafficked balconies, loggias and small terraces up to 30m<sup>2</sup> with moderate exposure to the elements.



### Product data

Colour	<b>Anthracite</b>	Weight	<b>4.08 kg/item = 16.32 kg/m<sup>2</sup></b>
Installation	<b>Interlocking puzzle joint with gently rounded bevel</b>	Conversion	<b>1 m<sup>2</sup> = 4 item</b>
Packaging	<b>540 x 540 x 18 mm</b>	Useful size	<b>500 x 500 x 18 mm</b>

### Properties



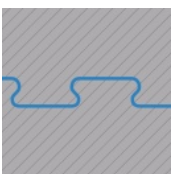
#### Colour Anthracite

The colour "Anthracite" corresponds to the typical shade of the black rubber particles found in ELT (End of Life Tyres) granulate, which is produced during the recycling of used tyres and forms the basis of this product. Over time, this colour can change from a deep black to a slightly lighter anthracite. Anthracite is particularly suitable for outdoor areas such as walkways, stables or sports facilities and is the most commonly chosen colour in the fitness industry. Anthracite blends harmoniously into a variety of environments and offers a modern, understated design that is resistant to dirt and wear.



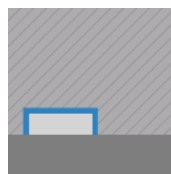
#### Material

The product consists of black rubber granules and a polyurethane binder. The rubber granules used come from the recycling of used tyres, which is why they are called ELT (End of Life Tyres) granules. This origin gives the granulate its typical black or anthracite colour. Chemically, ELT is a blend of natural rubber (NR) and styrene butadiene rubber (SBR). A colourless binder is used for the anthracite products, while a coloured binder is used for the coloured variants, giving the black granules a coloured coating.



#### 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.

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## Characteristics



### With UV stabilisation

The ELT rubber granulate contains UV stabilisers. The colour or colour coating does not yellow.



### Toxicologically safe

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



### Indoor & Outdoor

Weather-resistant – suitable for indoor and outdoor use.

Avoid standing water and ensure proper drainage.




### Efl

Fire behaviour according to EN 13501-1: Efl  
Acceptable fire behaviour

## Comparative values

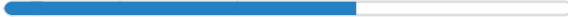
The comparison of technical data on a scale from 1 to 5 provides a practical way of objectively comparing the relevant properties of WARCO products, making it easier to find the most suitable product for the intended application. Detailed information on the scale values and their calculation can be found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


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


  
Abrasion resistance – Resistance to abrasive wear – Scale value 5 = "outstanding" (BS 7188)

  
Water permeability (EN 12616) - Scale value 2 = Infiltration approx. 275 mm/h (275 l/h/m<sup>2</sup>)

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

  
Compressive strength - Scale value 3 = approx. 0.5 mm residual dent after 24 hours of unloading (BS 7188)

  
Shock, vibration, and impact sound insulation – Scale value 1 = noticeable damping

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

  
Apparent density - Scale value 3 = 920 to 1030 kg/m<sup>3</sup>

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