

Stallmatte Puzzle (RZ)

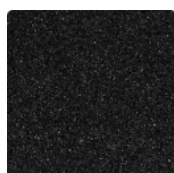
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Product data

Colour	Anthracite	Weight	25.5 kg/piece = 24.29 kg/m²
Installation	Optimised jigsaw interlock with bevelled edges	Conversion	1 m² = 0.95 piece
External dimensions	1100 x 1100 x 30 mm	factor: Laid size	102,5 x 102,5 x 3 cm 1,05 m²

Properties



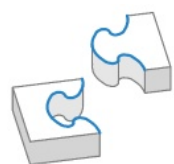
Colour Anthracite

Anthracite is a deep black-grey, a strong, dominant shade with a sober, timeless look. It sits comfortably in modern and industrial settings alike. The shade is the natural colour of the black rubber granules from tyre recycling, bound with a colourless binder. New tiles are deep black at first and may lighten a little over time under UV exposure.



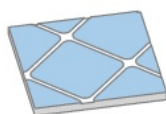
Material

Cleaned, fine-to-medium recycled rubber granules with a granule size of 0.8–2.5 mm are the starting material for the product. The granules are produced by processing and recycling end-of-life tyres (ELT) and are made up of natural rubber (NR) and styrene-butadiene rubber (SBR). A polyurethane (PU) binder holds the granules together; it is clear in the black and anthracite versions, whereas in the coloured versions a pigmented binder forms a layer of colour around the black granules, which remain black on the inside. The surface is finely textured.



Installation

All four sides of the tile are formed with an optimised jigsaw interlock with rounded teeth. As the interlock is asymmetrical, it determines the laying direction. The tiles are pressed together from above. Their rounded teeth hold the tiles together without adhesive and help to prevent height differences between adjoining tiles, even under heavy loads. Edge restraint is not normally required. Bevelled upper edges create even, wavy joints that follow the curved line of the teeth.



Underside

Square pads with rounded corners are moulded into the underside, set at 45° in a diamond pattern. Drainage grooves run between the pads. Outdoors and in damp areas, water can run off through the grooves, following the slope. On a water-permeable sub-base it soaks directly into the ground. Please refer to the installation instructions.

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UV-stabilised

ELT granules are UV-stabilised. Some coating shades may change slightly outdoors.



Harmful substance limits met

Meets EU limits for harmful substances. Initial rubber odour diminishes.



Efl

Normally flammable.



Indoor and sheltered outdoor use

For indoor and sheltered outdoor areas. Avoid standing water and prolonged saturation.

Technical data

The key technical properties of WARCO products are rated on a scale of 1 to 5. This allows products intended for the same application to be compared directly. The relevant product page explains how each rating is determined.

Dynamic friction class DS (BS EN 14041) – Rating 2: dynamic coefficient of friction approx. 0.38

Water permeability (BS EN 12616) – Rating 2: infiltration up to 10 mm/h (10 l/(m²·h))

Abrasion resistance – Rating 5: highest rating (BS 7188)

Apparent density – Rating 4: 900 to 1,000 kg/m³

Shock absorption and vibration damping, footstep sound reduction – Rating 2: moderate damping

Compressive strength – Rating 4: permanent indentation of approximately 0.25 mm after 24 hours' recovery (BS 7188)

Thermal insulation – Rating 3: thermal conductivity approximately 0.11 W/(m·K)

Slip resistance (BS EN 16165) – Rating 3: mean acceptance angle approx. 15°, R10 classification

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