



Patio tile – 3 cm (FS)

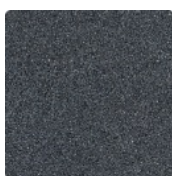
The patio tile is an elastic floor covering for patios, balconies and garden paths. It is laid in a half-bond pattern on a bound sub-base, an existing hard surface or a plastic gravel grid; plastic connectors couple each tile to two tiles in the neighbouring rows. A perimeter edge restraint completes the surface and can be omitted where the connectors are bonded in place.

The tile is made from PU-bound ELT rubber granulate with a high binder content – hard-wearing and dimensionally accurate. The medium-textured surface is foot-elastic and slip-resistant. Drainage channels on the underside carry rainwater away; the tile is weather-resistant and low-maintenance.

Product data

Colour	Slate grey	Weight	4.8 kg/piece = 19.2 kg/m²
Fixing system	Connection dowels – plastic dowels	Conversion	1 m² = 4 piece
Dimensions	500 x 500 x 30 mm	Usable dimensions	50 x 50 x 3 cm

Properties



Colour Slate grey

Products in Slate Grey are manufactured from black ELT rubber granules coated with a slate-grey pigmented PU binder. The surface appears as a dark cool grey with a uniform mineral-like character. The coloured coating may wear slightly over time, although the effect is less noticeable with this darker shade.



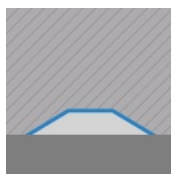
Material

This product is manufactured from recycled tyre rubber granules (ELT) with a grain size of approximately 0.8–3.0 mm. ELT stands for End of Life Tyres. The granules contain natural rubber (NR) and styrene-butadiene rubber (SBR), bonded with a polyurethane binder. Anthracite variants use a clear binder, while coloured versions use a pigmented binder. The surface has a visibly granular texture with pronounced slip-resistant properties.



Fixing system

Plates are connected at the sides by plastic dowels inserted between rows. Installation follows half-bond pattern, with each row offset by half a plate. The dowels prevent lateral shifting between rows. However, they do not prevent drift along the dowel axis, making edge trim mandatory around the perimeter. The result is an even T-joint pattern. Edge trim maintains dimensional stability and prevents the mat from drifting apart across the full installation.



Structure of the underside

The underside of the tile features an embossed pattern of inverted truncated pyramids. These truncated pyramids, approximately 15 mm high, are specifically designed to enhance the tile's weather resistance, dimensional stability and shock-absorbing properties, while ensuring efficient water drainage in outdoor applications. The tiles can be installed on solid surfaces such as concrete, asphalt, interlocking paving or flagstones, as well as on roof waterproofing systems or plastic grass meshes. Please refer to the installation guidelines for correct application.

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Characteristics



Efl

Reaction to fire according to EN 13501-1: Efl



100 cm critical fall height (EN 1177:2018)

TÜV-certified playground surface. Safety for private and public areas. Critical fall height: 100 cm.



With UV stabilisation

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



Indoor & Outdoor

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



Toxicologically safe

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



Frost resistant

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

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.

Abrasion resistance – Resistance to abrasive wear – Scale value 4 = "excellent" (BS 7188)

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

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

Slip resistance class DS (EN 14041) - Scale value 4 = Coefficient of friction approx. 0.53

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

Shock, vibration, and impact sound insulation – Scale value 3 = distinct damping

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