Article no.: **7076**

Dog Run Flooring (FF)

Dog Run Flooring Type FF consists of tiles made from rubber granules bonded with polyurethane. It is suitable for outdoor runs, halls and other indoor spaces. Each tile has two layers. The top consists of compacted finer granules. The coarser layer below carries the load and cushions impacts. The edges are bevelled, and the surface is grippy and slip-resistant, even when wet. The flooring is resilient, kind to paws, water-permeable and frost-resistant. It also insulates against cold from the substrate.

The tiles are laid in half bond using plastic connecting pins, with a firm edge restraint around the area. The substrate must be load-bearing, stable and largely level. Indoors, it must also tolerate moisture. On lawn, soil or gravel, gravel grids filled with chippings form the base. Water and urine pass through the tiles, then flow away down the gradient or soak into the ground. Half tiles for the edges are cut with a circular saw. A broom, garden hose or pressure washer is sufficient for cleaning.

Product data

Colour	**Anthracite**	Weight	**6.6 kg/piece = 26.4 kg/m²**
Installation	**Plastic connecting pins**	Conversion factor	**1 m² = 4 piece**
External dimensions	**500 x 500 x 40 mm**	Net size when interlocked	**50 x 50 x 4 cm | 0,25 m²**

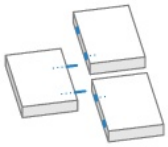
Properties

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.

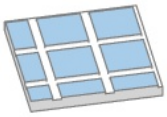
Material

The product has two layers: a visible wearing layer on top and a base layer beneath it. The wearing layer consists of fine to medium recycled rubber granules with a granule size of 0.5–2.5 mm, the base layer of coarse recycled rubber granules of 2–4 mm. In both layers, the granules are cleaned rubber recovered from end-of-life tyres (ELT), consisting of natural rubber (NR) and styrene-butadiene rubber (SBR). A PU binder is used in both layers, clear in the black and anthracite versions and pigmented in the coloured ones. The surface of the wearing layer is finely textured.



Installation

Plastic connecting pins are cylindrical and have a profiled surface. They are fitted into factory-drilled holes on two opposite sides of each tile. The tiles are laid in a half-bond installation. Each tile is therefore connected by plastic connecting pins to two tiles in the preceding row and two in the following row. Across the pin axis, the pins restrain tile movement, but they do not restrain movement along the axis. The tiled area therefore requires a fixed edge restraint.



Underside

The underside is divided into square pads, with shallow drainage channels running between them in a right-angled grid. The channels run right to the edge and line up with those of the adjacent tiles. Outdoors and in damp environments, water can run along the channels, following the gradient. On a water-permeable sub-base it soaks away directly into the ground. Please refer to the installation instructions.

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Properties

Frost-resistant
Tolerates frost and freezing pore water without bursting, cracking or breaking.

Critical fall height 140 cm (BS EN 1177)
Impact attenuating playground surfacing – certified safety surfacing for private and public play areas.

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

Efl
Normally flammable.

Indoor and outdoor use
Frost-resistant, suitable for indoor and outdoor use.

Harmful substance limits met
Meets EU limits for harmful substances. Initial rubber odour diminishes.

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.

Water permeability (BS EN 12616) – Rating 5: infiltration approx. 1,000 mm/h (1,000 l/(m²·h))

Slip resistance (BS EN 16165) – Rating 4: mean acceptance angle approx. 16°, R10 classification

Shock absorption and vibration damping, footstep sound reduction – Rating 4: high damping

Apparent density – Rating 1: up to 780 kg/m³

Dynamic friction class DS (BS EN 14041) – Rating 3: dynamic coefficient of friction approx. 0.45

Compressive strength – Rating 2: permanent indentation of approximately 0.75 mm after 24 hours' recovery (BS 7188)

Thermal insulation – Rating 4: thermal conductivity approximately 0.09 W/(m·K)

Abrasion resistance – Rating 4: very high (BS 7188)

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