Article No.: **0504**

Material sample (FS)

The material sample is cut out of a regularly manufactured plate. It shows the original properties that can be expected from the product. However, it should be noted that it's a factory-fresh product and some properties are fully distinct after multiple days or weeks of use. This can be accelerated by washing it in the dishwasher.

Thanks to the material sample you can test the properties that are relevant for the planned use. Put it into the freezer box filled with water and check in the freezer if it's really frost-resistant. Hit it with a hammer and look and listen how stable, elastic and damping it is. Test the sample haptically and optically. However, please note that the typical distance during the observation is about 150 cm. Convince yourself how fast the potential new-smell vanishes.

Product data

Colour	**Anthracite**	Weight	**0.192 kg/Piece = 4.8 kg/pkg**
Installation	**Connecting pins - plastic plugs**	Conversion	**1 pkg = 25 Piece**
Packaging	**100 x 100 x 30 mm**	Useful size	**ca.100 x 100 x 30 mm**

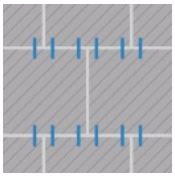
Properties

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.

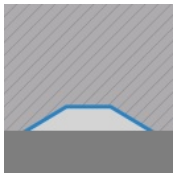
Material

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

On two sides - between each row of tiles - the tiles are connected by means of lateral connecting pins (plastic plugs). The tiles must be laid in a half-bond pattern, i.e. each row of tiles is offset by half a tile (T-joint). In this pattern, each tile is connected to two tiles in the row above and two tiles in the row below using plastic plugs. These plugs prevent lateral movement of the tiles, but do not restrict movement along the longitudinal axis of the plugs. For this reason, a perimeter edging must be installed around the tiled surface.



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.