

RUBBER TILES

MATEX Rubber Tiles are Eco-friendly products made from 100% recycled rubber granules with a colorful pigmented coating and a urethane binder.

PRODUCT

MATEX builds quality Rubber Tile products that are known and trusted to provide excellent traction, durability and flexibility for Safety Surfaces. With a broad range of standard sizes and unlimited custom sizing capability, we can provide a product to meet any need.



Available in two types: SBR rubber (100% recycled) and EPDM-topped tiles (recycled base with EPDM rubber top).

TECHNICAL PROPERTIES

Colour	: Available on Variety of Colours
Dimension	: 50x50x2 cm
Shape	: Square - 4 Tiles per Square Meter
Weight	: 18 Kg /sqm
Recommended Adhesive	: Polyurethane Adhesives
Consumption of Adhesive	: 1 Kg/sqm (depends on the roughness of surface)
Guarantee of Product	: 2 Years if installation is done by regulations

SPECIFICATION

Ultimate tensile strength (N/cm ²)	: 77,08 N/cm ²
Shore Hardness	: 65-70
Resistance to UV	: 0,57
Abrasion	: 0,045 mm
Dimension Stability	: 0,982 %
Elongation	: 96 %
Temperature stability	: -30° C to +60° C
Degradation Delta L	: 0,022 mm
Thermal conductivity	: 0.17 W/(mK) EN 12667
Water absorption	: 2,13 %
Fire behaviour	: En (normal inflammable; B2) EN 13501
Anti-slip property	: Class R 10 DIN 51130 Class DS (safer!) EN 14041 Dynamic coefficient of friction μ 0.57 EN 13893
Chemical behaviour	: Resistant to water, numerous diluted acids and alkaline solutions; chemically neutral; UV-resistant. (EN423)

PRODUCT ADVANTAGES

- Use indoors or outdoors
- Superior shock absorption, low maintenance, long wear and accessibility
- Slip Resistance, High-Strength and Eco-Friendly
- May be laid over asphalt, concrete, or any stable, uniform surface
- Simple to install and inseparable when installed with our high-strength adhesive.
- Easy to repair - only the damaged tile needs to be removed and replaced
- Design allows for optimum drainage
- Can withstand extreme temperature fluctuations.
- Will not delaminate

APPLICATION FIELDS

Specifically designed to reduce injuries from falls, these tiles are commonly used as Outdoor Playground Surfacing. However nowadays these safety tiles are used for all types of applications where falls and injuries may occur such as swim parks, skateboard parks, rock climbing walls. In addition, rubber safety surfaces are ideal for decks, stairways, patios, pool areas, sports courts and walkways.

APPLICATION

The subfloor that installation will be done must be clean. Be ensure that the surface is clean, away from dust, grease, oil etc. Then glue can be easily applied on the surface. The consumption of glue is approximately 1.0 kg/sqm depends on the surface. If the surface is rough then consumption will increase to 1.5

kg/sqm. Trowel can be used to spread glue on the surface. After this process Rubber Tiles can be laid directly on the surfaces one by one next to each other.

