

Recycled Rubber Tiles

www.flexifor.com

FLEXIFOR

**CE CERTIFICATED HEAD IMPACT CRITERIA
1300 mm (HIC)**



FLEXIFOR

FLEXIFOR tiles from SBR (recycled wheels) together with first generation resins. They are pavements suitable for different applications such as absorbent surfaces of playgrounds, surfaces for gyms, terraces, stables for horses and other animals, as well as for shooting galleries and insulation surfaces.

The tiles are certified by the company ACCM, accredited by ENAC for the UNE-EN standard 1177.

MEASUREMENTS

1000 x 500 mm.

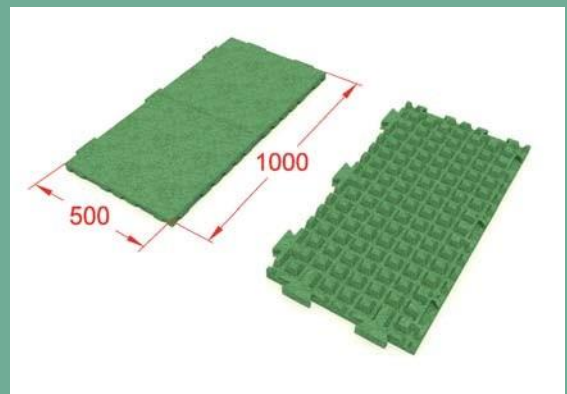
Thickness: 25, 43.5, 60, 80 mm

FINISHES AND COLORS

BASIC: SBR (Wheels recycling) tiles that we color and mix with resins. Available in 3 colors: red, green and black.

ROYAL: tiles with SBR surface finish encapsulated in colors: red, green, Blue, orange, gray and brown.

PREMIUM: tiles with surface finished by EPDM in colors: red, green, orange and yellow.



FLEXIFOR

SAFETY

If safety concerns are falling, slipping or heavy elements in your installation, rely on the range of FLEXIFOR products to protect you and the people you serve. Designed for the way of children actually play, our FLEXIFOR tiles outperform our competitors when it comes to fall protection, and are certified to 43.5 for an HIC of 1.30. Our fitness FLEXIFOR tiles support the weight of dumbbells and repeated rebounds. The FLEXIFOR tile offers a non-slip surface regardless of weather conditions.

DURABILITY

All FLEXIFOR tiles are manufactured to withstand even the harshest conditions. Whether it is the harsh winter weather, the heat of the desert, or the most aggressive wear, FLEXIFOR tiles are made with reconstituted recycled rubber that makes it resistant and very suitable for vandalism.

DESIGN

At FLEXIFOR, we appreciate the beauty and versatility of the rubber flooring. We start with our most basic color offerings in the colored SBR, up to the most vivid colors with EPDM finishes.

The solution of the "tongue-and-groove" system can help in the assembly to fit the installation as well as to minimize the appearance of joints due to contraction and expansion.

SUSTAINABILITY

Made with up to 100 percent post-consumer recycled content, the FLEXIFOR rubber surface provides maximum performance with minimal environmental footprint. Certified installation teams receive extensive information to ensure that their installation process meets the highest standards of quality of workmanship and professionalism.

LOW MAINTENANCE

Once the FLEXIFOR tiles are installed, all you have to do is enjoy them. Easy to maintain and easy to clean.

FLEXIFOR

SBR COLORED



SBR ENCAPSULATED AND EPDM



DIFERENT APLICACIONES:



FLEXIFOR

FLEXIFOR

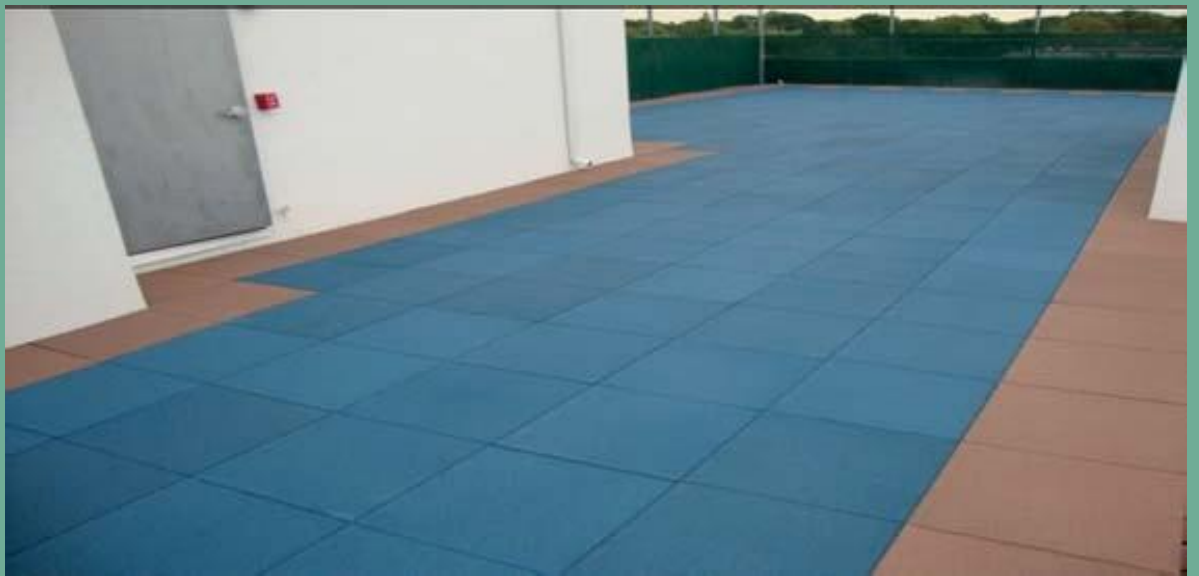




FLEXIFLOOR

FLEXIFOR

OUTDOOR TERRACES



SHOOTING GALLERY



FLEXIFOR

FLEXIFOR

FLEXIFOR manufactures rubber tiles for fall cushioning, mixing recycled and "calibrated" rubber with binder resins. With these components and through a controlled crosslinking process, it achieves a proven quality tile.

PROPERTIES

CONTENT IN RECYCLED POLYMER: 90%

DENSITY: 1.12 gr./cm³.

HARDNESS: 65 + 5th Shore A

LOAD TO THE BREAK: 85 N / cm²

FLASH ENLARGEMENT: 85 to 110%

THERMAL RESISTANCE: -30° C. to 90° C.

CONDUCTIVITY: It is not a conductor of electricity.

RESISTANCE TO ABRASION: 150 gr / cm³

TRACTION RESISTANCE: 0.8 MPa

ELONGATION TO BREAK ISO 527/1: 400%

THERMAL CONDUCTIVITY COEFFICIENT: 0.12 Wm⁰k

EXPOSURE TO LIGHT 6 MONTHS: Stable

SLIDING RESISTANCE (UNE 12633): 39 usrv

Note: Data obtained by methods close to UNE 53.526, 53.130 and 53.510.

DIMENSIONS

Tiles of 1000x500 mm, dimensional tolerance +10 mm/-0mm.

Tolerance on the thickness +/- 2mm.

Weight: 20mm: 14kg/m²., 43mm: 26.5 kg/m², 60mm: 36.5kg/m², 80mm: 49kg/m²

TECHNICAL CHARACTERISTICS

- Elastic floor.
- Cushioning and shock absorption.
- Permeability to water, do not soak and dry quickly.
- Non-slip in both dry and wet conditions.
- Resistance to the elements.
- Sound absorbent and vibration absorbent.
- Thermal insulation.
- Easy cleaning.
- Good dimensional stability.
- Resistant to adverse weather conditions.
- The rubber product and granules used do not contain dangerous and toxic substances, according to the provisions of the Directive 200/33 CE.

STORAGE AND PACKAGING

Allows packing with other materials. Do not store at temperatures above 70°C.

CLEANING

FLEXIFOR tiles are cleaned with water and conventional cleaning products. It is not recommended to use corrosive products.

NORMATIVE

Complies with the regulations UNE-EN 1177

HIC 0.7 20 mm

HIC 1.3 43 mm CERTIFIED BY ACCM (ENAC accreditation)

HIC 1.6 60 mm

HIC 1.8 80 mm.

MOUNTING METHOD

The tiles must be placed on a flat surface that occupies the whole surface that is desired to pave.

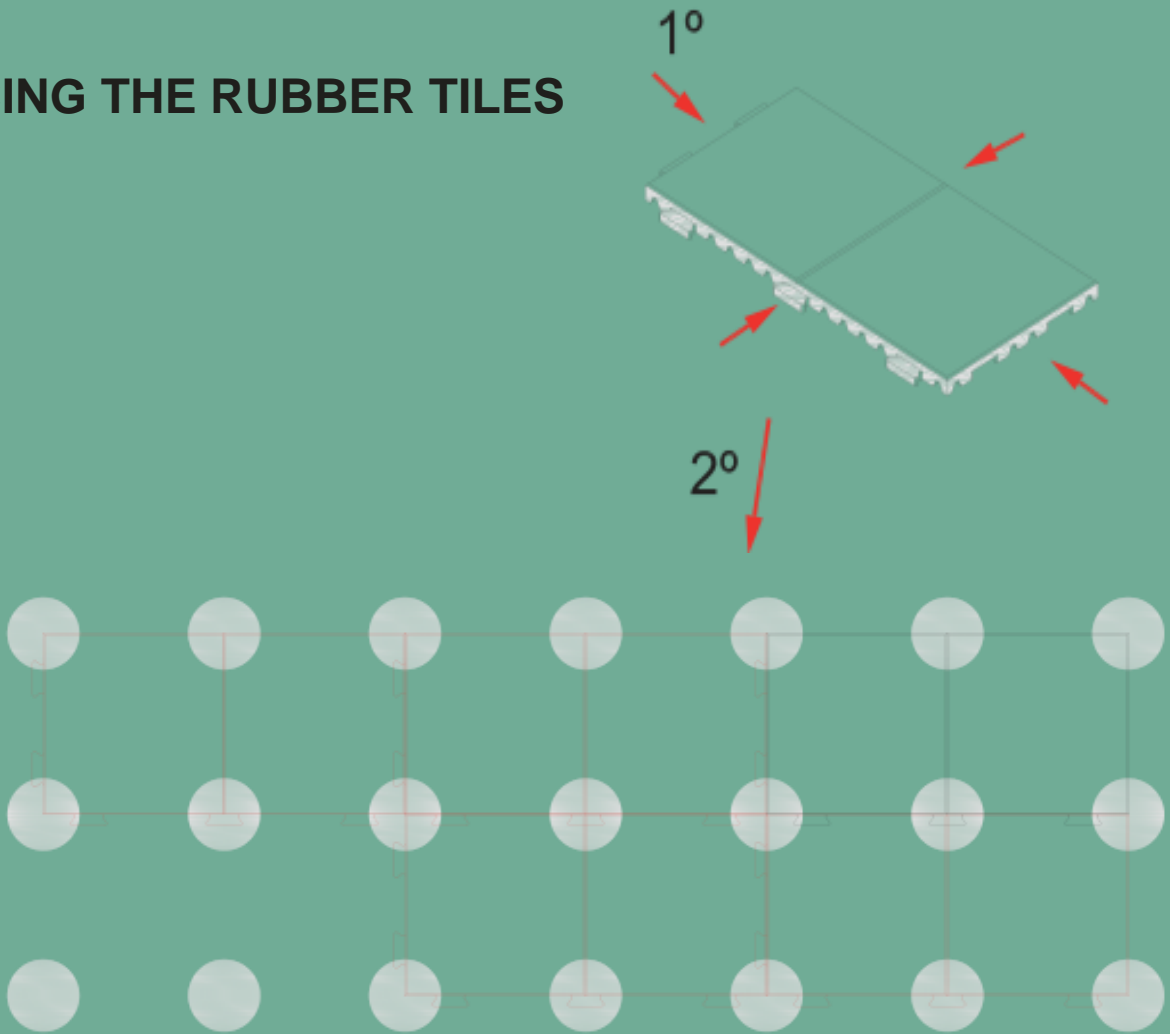
It is advisable to prepare a flat surface of concrete or compacted earth, in order to obtain a suitable drainage

Surfaces should be conveniently prepared with corresponding falls to allow the evacuation of water and prevent the formation of puddles under the pavement. Subsequently, tiles are attached to others to obtain a bonded surface. To do this, it is recommended to use a suitable adhesive, which binds the interior with the floor (in small quantity and in the corners) and especially the tiles with each other.

It is important that the assembly is made in such a way that the damping surface does not offer possibilities of entrapment to the users.



PLACING THE RUBBER TILES



FIRST, apply the adhesive through the cannula, on the side surfaces of the tiles. Then join against the adjacent faces. The surfaces must be in contact with each other in a forceful way, to ensure a correct gluing.

SECOND, once the first gluing is ok, the adhesive is applied again at the corners of the plates, as shown in the upper figure by circles.

FLEXIFOR

C/ Melilla, S/N
30500 MURCIA
ESPAÑA (SPAIN)
www.flexifor.com