

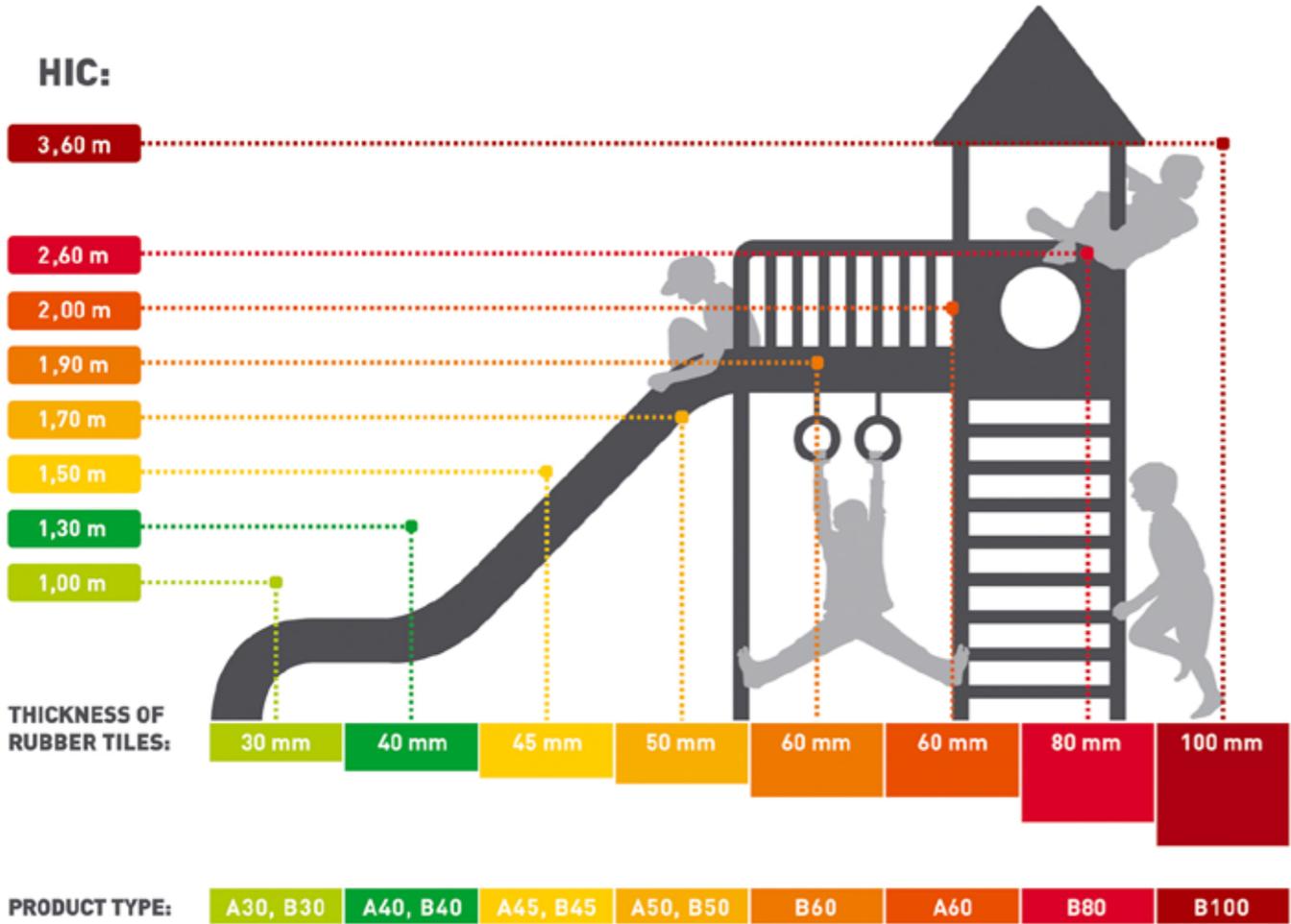
DIRECTLY FROM THE PRODUCER





CRITICAL FALL HEIGHT TABLE

for choosing rubber tiles according to EN1177 EU standard specifications



www.rubberfloorings.eu

sales@csogumi.eu



RUBBER TILES

directly from the producer

Our company, C.S.O. Ltd. is a manufacturer of rubber tiles and floorings in Hungary (EU), have more than 20 years experience in the industry.

We produce rubber tiles for playgrounds, sport fields, gardens, gyms, horse stables, and for other industrial usages in our own production site in Ócsa / Budapest.

We produce all from recycled rubber material, in high standard production quality, based on EU standards (EN1177:2008) and with TÜV certifications.

See our Critical Fall Height table with our product range to comply with the EU legislation.

SAFETY RUBBER TILES FOR PLAYGROUND, RECREATION, MULTIPURPOSE SPORTS APPLICATIONS





ADVANTAGES OF OUR RUBBER TILES:

- shock absorption capability
- flexible, smooth surface
- excellent water permeability
- non-slip surface
- rapid drying, higher purity, no slack
- different colours
- also mixed with UV stable EPDM granules
- easy to cut
- easy to install
- no maintenance required
- environmentally friendly product from recycled material



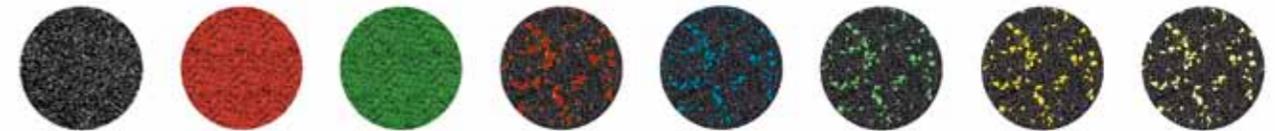
FOR PLAYGROUNDS

Our soft, flexible rubber tiles are made from 100% recycled rubber granules with UV stable dyeing in our own factory. Rubber tiles are recommended for playgrounds as shock absorbing floor coverings (thickness to be chosen as per the critical height)and also ideal to be installed around swimming pools.

In order to achieve even greater color durability of our rubber tiles are also produced with UV-resistant EPDM granules. The EPDM rubber tiles consist of two layers: the lower part is from black SBR rubber granules and the upper layer is made of color EPDM granules.

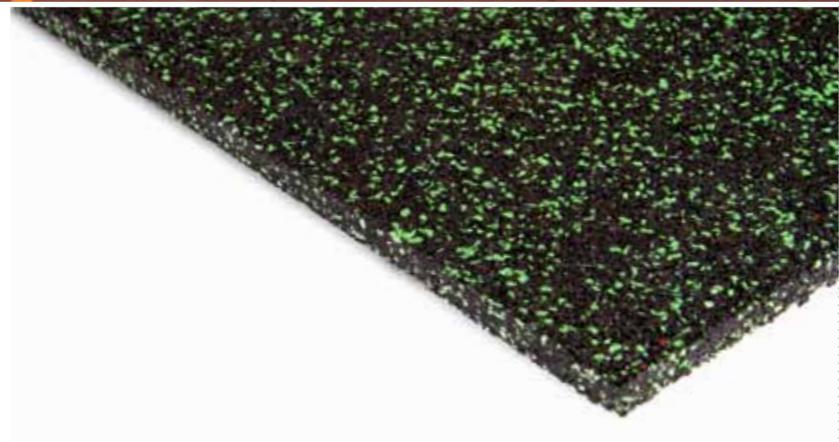
Our products are manufactured according to the EU legislation standards (EN1177:2008) and with TÜV certifications.

Available in black, red, green and black mixed with UV resistant EPDM granules



Technical parameters

| Rubber tile/type | thickness | length/width | kg/m ² | pcs/m ² | m ² /palette | HIC critical fall height |
|------------------|-----------|---------------|-------------------|--------------------|-------------------------|--------------------------|
| A30 rubber tile | 30mm | 1000 x 1000mm | 22kg | 1 | 40 | 1,00 m |
| A40 rubber tile | 40mm | 1000 x 1000mm | 28kg | 1 | 30 | 1,30 m |
| A45 rubber tile | 45mm | 1000 x 1000mm | 32kg | 1 | 30 | 1,50 m |
| A50 rubber tile | 50mm | 1000 x 1000mm | 34kg | 1 | 25 | 1,70 m |
| A60 rubber tile | 60mm | 1000 x 1000mm | 42kg | 1 | 20 | 2,00 m |
| B30 rubber tile | 30 mm | 500 x 500 mm | 23 kg | 4 | 40 | 1,00 m |
| B40 rubber tile | 40 mm | 500 x 500 mm | 29 kg | 4 | 33 | 1,30 m |
| B45 rubber tile | 45 mm | 500 x 500 mm | 29 kg | 4 | 30 | 1,50 m |
| B50 rubber tile | 50 mm | 500 x 500 mm | 31 kg | 4 | 25 | 1,70 m |
| B60 rubber tile | 60 mm | 500 x 500 mm | 40 kg | 4 | 20 | 1,90 m |
| B80 rubber tile | 80 mm | 500 x 500 mm | 58 kg | 4 | 15 | 2,60 m |



ADVANTAGES OF OUR RUBBER TILES:

- shock absorption capability
- flexible, smooth surface
- excellent water permeability
- non-slip surface
- rapid drying
- different colors
- homogeneous and split patterns
- also with UV stable EPDM granules
- easy to install
- no maintenance required
- environmentally friendly product from recycled material



FOR SPORT FIELDS

Our mostly recommended rubber tiles for sport tracks/fields are of the 30mm thick, 1000 x 1000 mm tiles made from 100% recycled rubber granules SBR, with dyeing. Due to their measures 1000 x 1000 mm they are easy to be installed on all surfaces.

Our sport fields made of rubber tiles provide a high level of safety for the athletes on the field. The rubber cover greatly contributes to keep the joints of the athletes in safe and in case of an accident protects them from serious injuries.

Our 30 x 1000 x 1000 mm rubber tiles are available with a SPLIT PATTERN (visually 500 x 500 mm squares), making the perfect solution for playground floorings as well.

Available in black and black mixed with UV resistant EPDM granules



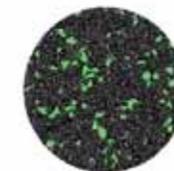
black



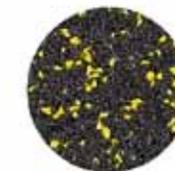
mixed red



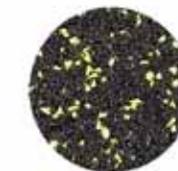
mixed blue



mixed green



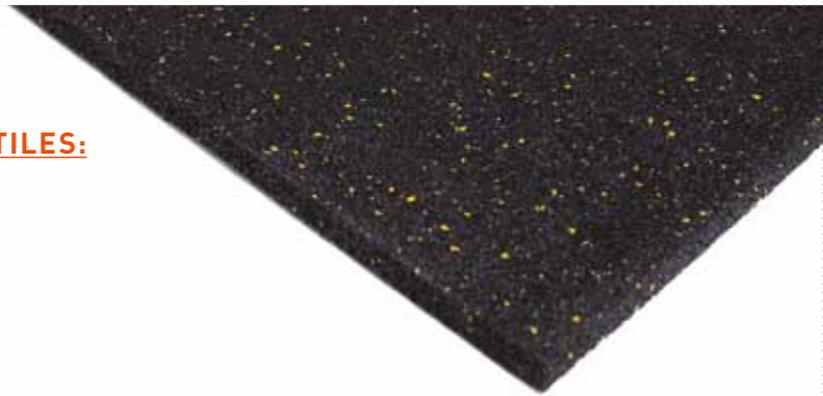
mixed yellow



mixed beige

Technical parameters

| Rubber tile/type | thickness | length/width | kg/m ² | pcs/m ² | m ² /palette | HIC critical fall height |
|------------------|-----------|----------------|-------------------|--------------------|-------------------------|--------------------------|
| SPORT | 30 mm | 1000 x 1000 mm | 22 kg | 1 | 40 | 1,00 m |



ADVANTAGES OF OUR FITNESS RUBBER TILES:

- shock absorption capability
- flexible, smooth surface
- non-slip surface
- homogeneous and mixed color surface patterns
- easy to cut
- easy to install
- no maintenance required
- environmentally friendly product from recycled material



FOR FITNESS

FOR FITNESS/CROSSFIT TRAINING ROOMS + STREET WORKOUT

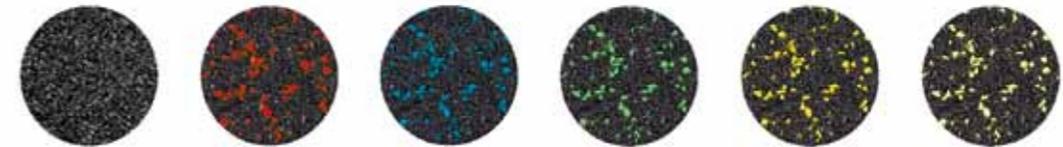
Our rubber cover provides a non-slip and flexible flooring for Gyms, Fitness and CrossFit Training Rooms. The ground and the training facilities are protected by the noise and shocks that are caused by the falling weights and bumpers while the tiles provide significant heat- and noise resistance as a real warm casing.

Tiles can be easily cut into measure by a manual jig saw and also can be glued when necessary. Maintenance is very easy by using vacuum cleaner or brush and also can be used with some moping.

Fitness/CrossFit tiles available:

- Fitness rubber tile: for the 'nothing special' use to fitness training rooms
- CrossFit rubber tile: for trainings with weights
- CrossFit+ rubber tile: for heavier weights, for weightlifting
- FitnessHome rubber tile: for home training rooms (easy to install)
- Street Workout rubber tile: kültéri edzőparkokba (HIC 1,70 esésmagasság)

Available in black and black mixed with UV resistant EPDM granules



Technical parameters

| Rubber tiles/type | measures (mm) | kg/m ² | pcs/m ² | m ² /palette |
|-------------------|---------------------|-------------------|--------------------|-------------------------|
| Fitness-15 | 15 x 1000 x 1000 mm | 14 kg | 1 | 65 |
| Fitness-20 | 20 x 1000 x 1000 mm | 19 kg | 1 | 65 |
| Fitness Home | 20 x 500 x 500 mm | 19 kg | 1 | 50 |
| CrossFit-30 | 30 x 1000 x 1000 mm | 29 kg | 1 | 33 |
| CrossFit-50 | 50 x 1000 x 1000 mm | 42 kg | 1 | 20 |
| Street Workout | 50 x 1000 x 1000 mm | 32 kg | 1 | 25 |



ADVANTAGES OF THE POLO RUBBER TILES

- good heat insulation
- shock absorption capability
- flexible, smooth, non-slip surface
- the POLO tile is water permeable
- rapid drying
- easy to cut
- easy to install
- no maintenance required
- environmentally friendly product from recycled material
- essential to modern-hygienic animal husbandry



FOR KEEPING ANIMALS

POLO RUBBER TILES

The advantage of POLO stable rubber tiles is that there is an air cushion forming at the bottom part of the profile. Thanks to this, it is less demand for litter, you can reduced the need by up to 70% saving you from sourcing and storage.

Bottom of the plates are to be washed with water. Due to this thermal insulation ability of the rubber tiles, it is excellent to use for stables, washrooms.

Colour available:



Technical parameters

| Rubber tile/type | thickness | length/width | kg/m ² | pcs/m ² | m ² /palette | shore A hardness | maximum load |
|------------------|-----------|--------------|-------------------|--------------------|-------------------------|------------------|--------------|
| POLO | 50 mm | 1000x1000 mm | 39 kg | 1 | 25 | ~65 | 800 kg |



FOR GARDENS

FOR GARDEN PATHWAYS, TERRACE CASING, GARDEN POOLS, OUTDOOR PLAYGROUNDS

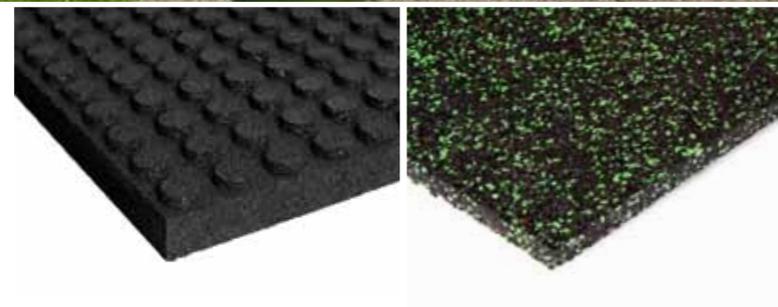
Due to the porous surfaces these rubber tiles 1000x1000 mm are non slipper ones but leachy therefore they are highly recommended to be placed under and beside garden pools.

Their surfaces are constantly dry and thus the risk for accident is significantly minimized. Tiles in sizes 30 x 500 x 500 mm are strongly recommended for gardens for their easy installation feature.

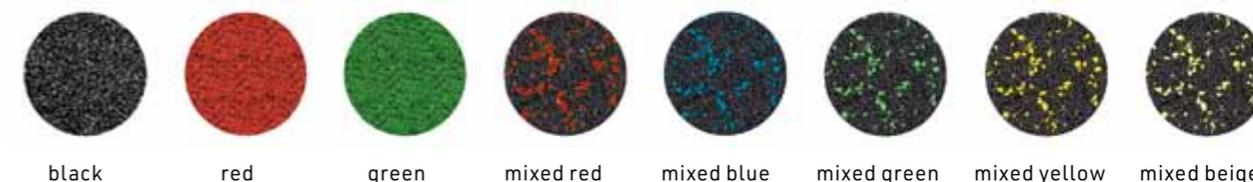
They are also excellent for terrace casing and for outdoor playground

ADVANTAGES OF OUR RUBBER TILES FOR GARDENS:

- heat insulation
- shock absorption capability
- flexible, smooth, non-slip surface
- the tiles are water permeable
- rapid drying
- different painted colours also with coloured upper layering mixed with UV resistant EPDM granules
- easy to cut
- easy to install
- no maintenance required
- environmentally friendly product from recycled material
- essential to modern-hygienic animal husbandry



Available in black, red, green and black mixed with UV resistant EPDM granules



Technical parameters

| Rubber tiles/type | thickness | length/width | kg/m ² | pcs/m ² | m ² /palette |
|-------------------|-----------|----------------|-------------------|--------------------|-------------------------|
| A30 rubber tile | 30 mm | 1000 x 1000 mm | 22 kg | 1 | 40 |
| A40 rubber tile | 40 mm | 1000 x 1000 mm | 28 kg | 1 | 30 |
| B20 rubber tile | 20 mm | 500 x 500 mm | 19 kg | 4 | 50 |
| B30 rubber tile | 30 mm | 500 x 500 mm | 23 kg | 4 | 40 |
| B40 rubber tile | 40 mm | 500 x 500 mm | 29 kg | 4 | 33 |

HOW TO INSTALL TILES WITH STRIPS AND ADHESIVES?

The tiles in 500x500 mm and 1000x1000 mm should be installed in " chess-format" on the basement. Basement can be concrete or gravel base. The tiles with 20mm thickness are recommended to be installed only upon concrete surface with adhesives.

1. INSTALLING THE RUBBER EDGES:

On the place where tiles will be installed there should be prepared a basement with rubber edges against burdening, freeze and for drainage.



2. DIGGING THE DITCH:

Thickness of digging should be 10-20 cm when using rubber tiles in thickness 10-100 mm. Drainage should be cared about!



3. MAKING OF GRAVEL BASE (LOWER LEVEL):

The 10 cm thick gravel base (is of 0-20 mm granules) should be compressed by vibrator.



4. MAKING OF GRAVEL BASE (UPPER LEVEL): The 3 cm thick gravel base (is of 0-20 mm granules) should be compressed by vibrator and thus the basement will be hard enough for rubber tiles installment.



5. THE INSTALLING STRIP: Let's roll the strip upon the area (bright side upwards) in the entire length. Cut the strip at the ends of the area. With the help of a paint roller cover the strip by adhesive and place the rubber tiles upon. And repeat this process until the entire are is covered by tiles.

INSTALLING AND MAINTENANCE OF FITNESS RUBBER TILES

Before starting the installation the basement should be checked no to have any holes upon. In the course of the installation the tiles should installed tightly to each other for not having any space amongst them. Temperature for the installing process is recommended between 15-20 °Celsius.

Changes in sizes caused by the temperature fluctuation should be considered and thus the rubber tiles should be taken into the room and spreaded over the ground with 24 hours before starting the installation in order to accommodate to the temperature will be later there.

WARRANTY

There is a 3 year warranty for our rubber tiles only in the case when tiles are installed on concrete surfaces and the above mentioned rules are strictly kept by the installer.



C.S.O. Kft.
Némedi úti major 06/02 hrsz.
H-2364 Ócsa
Hungary, Europe

+36 70 626 81 61
sales@csogumi.eu

www.rubberfloorings.eu
www.fitnessrubberfloorings.eu