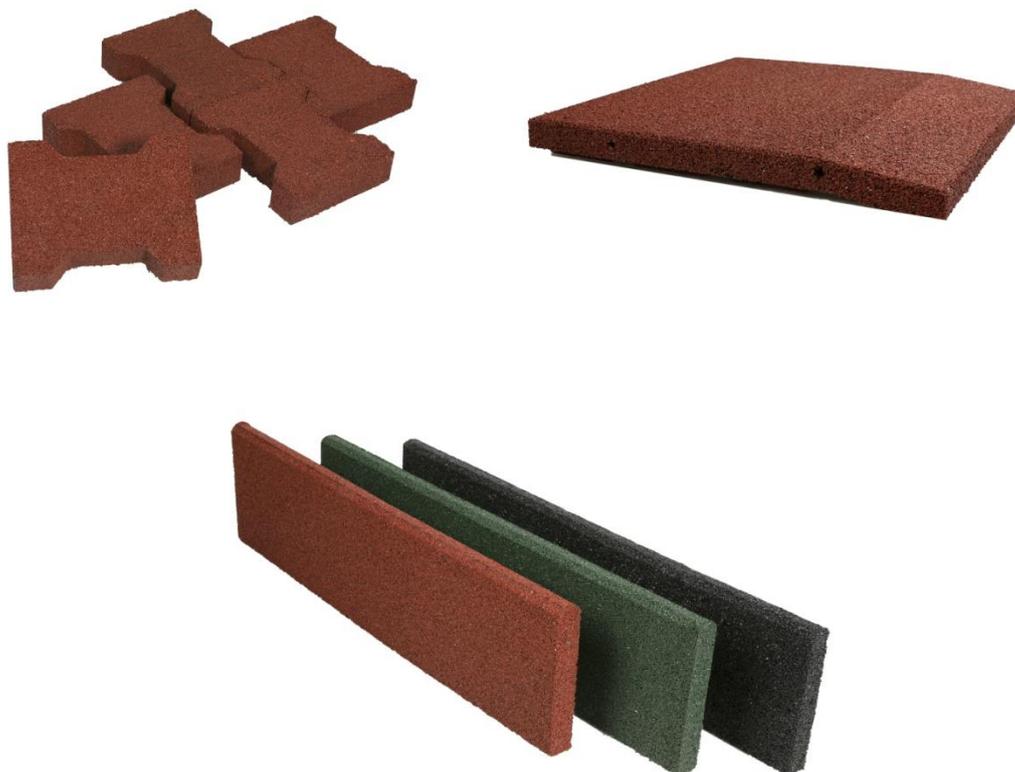


INSTRUCTION OF MOUNTING AND EXPLOITATION – RUBBER TILES



1. Main information about the product

1.1. Description of product: Rubber tiles, produced of crushed tire crumbs; resistant to weather changes; decorative; protecting from dangerous falls; non-slippery; great sound absorber; suitable for inside and outside use; resistant to moisture; allergy-free; great thermal insulation.

1.2. Composition: rubber tiles are produced of rubber granules, polyurethane and paint mix. Every tile has plastic connectors that combine separate tiles and make solid plane.

1.3. Purpose of use: it is recommended to use the rubber tiles as a base of children's playgrounds, pavements or non-professional sport facilities. It can also be used as a decorative/protective base in terraces, footpath in garden or yard, to cover stairs etc.

2. Instructions of mounting

2.1. General requirements, applied for laying the rubber tiles:

2.1.1. The surface, which they are to be laid on, as well as the rubber tiles must be dried and free of impurities before laying.

2.1.2. The rubber tiles can be laid on powdery surface, concrete or asphalt sub-base.

2.1.3. The rubber tiles must be laid when temperature is not lower than 10°C and not higher than 25°C, at dry weather.

2.1.4. Not less than 8 hours before laying it is recommended to put the rubber Tiles out of the pallet and lay them on the ground in order to make rubber tiles regain their primary manufacturing form (packed rubber tiles are impacted of each other's weight, therefore its measurement can be slightly changed in pack), herewith it would be more easily to select slightly different colours of rubber tiles.

2.1.5. It is advisable to lay rubber tiles depending on the environment (weather) temperature, because due to too much heat rubber tiles slightly expand, while in cooler environment rubber tiles shrink. As for this reason some gaps between them may occur. It is recommended to lay rubber tiles at stable temperature, for example, to lay all rubber tiles in the morning or in the evening so that excessive differences of day weather temperature do not influence rubber tiles.

2.1.6. It is recommended to lay rubber tiles in such way that slight difference of colours of rubber tiles would be less visible.

2.1.7. During the process of laying the measurements of rubber tiles can be modified by saw or plotter knife.

2.1.8. Due to flexibility of rubber tiles the deviations of its parameters up to 5 mm can be corrected by squeezing the pavement of rubber tiles after laying process is finished.

2.1.9. In order to ensure the integrity of surface of rubber tiles, it is necessary to frame the surface by curbs, wooden joists or long horizontal beads.

2.1.10. Services of a trained installation (laying) professional is recommended for best results.

2.2. The instructions, applied for laying the rubber tiles on concrete/asphalt surface:

2.2.1. The concrete/asphalt surface which the rubber tiles are to be laid on, must have inclines. It is required to provide water drainage system which prevents the accumulation of water under the tiles, water leaking through the pavement and deformation of whole pavement as a result of softened base due to excessive amounts of water.

2.2.2. The concrete/asphalt surface must not have any cracks or gaps.

2.2.3. The concrete/asphalt surface must be well stiffened (45-60 days), flat, free of impurities, dry, any amount of water shall not be accumulated on it.

2.2.4. Before gluing the rubber tiles it is necessary to spread the glue on the concrete/asphalt surface.

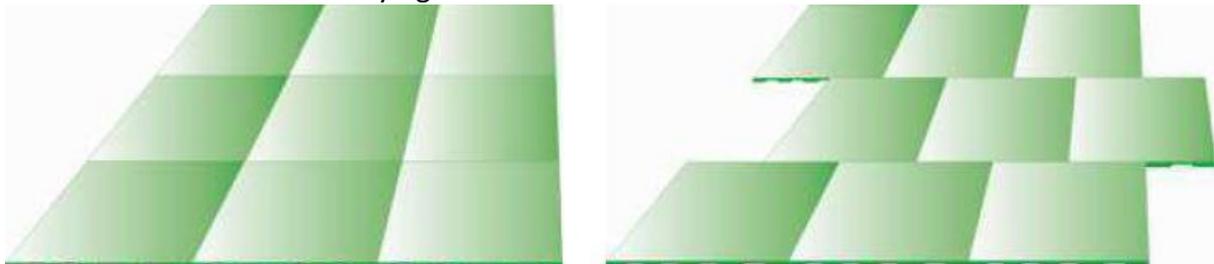
2.2.5. During gluing of rubber tiles it is necessary to press them with each other.

2.2.6. When laying of rubber tiles is finished, 24 hours (till the glue is stiff) rubber tiles cannot get wet as water weakens the glue, and the tiles are not stuck to the base as they

are supposed to. During the period of glue stiffening it must be ensured that the temperature of environment does not change rapidly and excessively.

2.2.7. It is recommended to glue rubber tiles on the concrete/asphalt surface using the polyurethane glue. In case of gluing rubber tiles with glue that is not supplied by JSC „Metaloidas”, we are not responsible for durability and quality of such adhesives.

2.2.8. Possible schemes of laying the tiles:



2.3. The instructions, applied for laying the rubber tiles on friable surface.

2.3.1. The sub-base is prepared in such way: it is necessary to remove green grass layer (if there is any) to the steady ground base; in case there is no steady ground base, it is recommended to lay some stable elements in order to fortify it: at first layer - spread sand, at second layer – breakstone (0-35mm fraction), at third layer – ations (or sand-cement mix or dry concrete); ant eventually – rubber tiles.

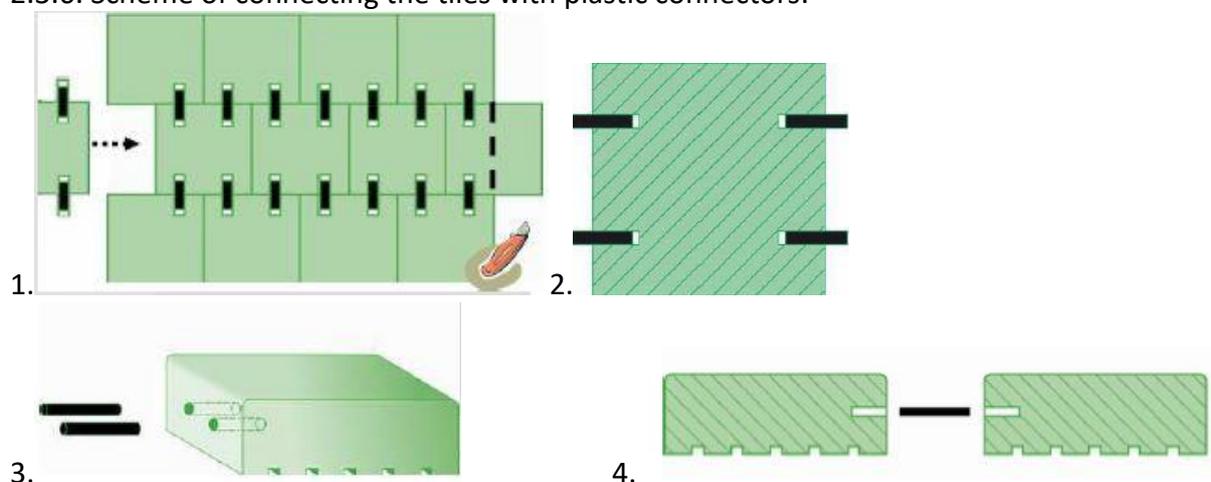
2.3.2. It is very important to ensure equability and rigidity of sub-base. The thickness of sub-base depends on purpose of use of rubber tiles pavement: the greater weight will press the pavement of rubber tiles, the thicker layer of sub-base must be prepared.

2.3.3. It is required to provide water drainage system that ensures that water does not leak through the pavement of rubber tiles.

2.3.4. When rubber tiles are being laid on the friable surface it is recommended to use the rubber tiles at least 40mm thick, in order to avoid deformations and movement of surface.

2.3.5. In order to ensure the integrity of rubber tiles pavement it is recommended to connect rubber tiles with each other, using plastic connectors that we provide with the tiles.

2.3.6. Scheme of connecting the tiles with plastic connectors:



SERVICE AND MAINTENANCE INSTRUCTIONS

3.1. The surface of rubber tiles should be cleaned by clean water or by water with detergent. In order to increase durability of surface it is necessary to keep the surface of rubber tiles clean and remove solid impurities such as small stones etc. Do not use aggressive detergents, thinners or other chemical substances.

3.2. It is strictly prohibited to use footwear which could physically damage surface of rubber tiles, for example, spiked running shoes, football shoes or similar type footwear.

3.3. Heavy load motor vehicles (motor-scooters, motorcycles, cars, trucks, etc.) are not recommended either to stand or be driven on the surface of rubber tiles as durability of rubber tiles can be reduced due to an excessive weight to the surface.

Technical data of rubber tiles:

1. Flat-bottomed tiles to be glued on a firm surface (concrete, asphalt, wooden floor).
Sizes: 500x500mm; 1000x1000mm
Thickness: 20-80mm
Head Injury Criterion (HIC): 0,6-1,8m
Weight: 18-66kg/m²



2. Flat-bottomed with grooves to be glued on a firm surface (concrete, asphalt, wooden floor) or laid on mineral base (sand, gravel).

Size: 500x500mm

Thickness: 30-80mm

Head Injury Criterion (HIC): 0,9-1,8m

Weight: 24,5-62kg/m²



3. Ribbed-bottomed to be laid on mineral base (sand, gravel).

Size: 500x500mm; 1000x1000mm

Thickness: 40-80mm

Head Injury Criterion (HIC): 1,2-1,8m

Weight: 28-58kg/m²

