

## INSTALLATION AND MAINTENANCE INSTRUCTIONS FOR RUBBER TILES

### BASIC PRODUCT INFORMATION

Rubber tiles are made from rubber granules and are suitable for placement even in demanding weather conditions (snow, rain and ice / frost). The product contributes to safety, reducing dangerous slips and preventing falls. The product is moisture resistant and does not cause allergic symptoms. The composition of the material does not contain harmful or toxic substances and it dampens sound and also insulates heat.

#### Construction information:

Rubber tiles are made of rubber granules, polyurethane and paint. Each module has eight locking pins that connect the adjacent module to another, thus ensuring the uniformity of the surface quality of the product.

The products are recommended for use on playgrounds, pedestrian areas and sports fields.

### INSTALLATION INSTRUCTIONS

General requirements for rubber tiles regarding installation:

The installation surface must be dry and cleaned of dirt. The products can be installed on a sand, concrete or asphalt surface.

The products must be installed in dry weather and the temperature should not be lower than +10 °C or warmer than +25 °C degrees.

It is not recommended to install rubber tiles until at least 8 hours have passed since they were delivered from the factory. Differences in color may appear in the products even earlier.

It is recommended to install the products in order according to the prevailing temperature, a certain area at a time, in order to avoid the shrinkage and expansion of the material and modules caused by the temperature variation of the rubber bricks and tiles. A change in temperature can cause gaps between the elements due to a sudden change in temperature.

It is worth installing the modules with different colors so that they are clearly in less noticeable places.

During the installation process, the products can be shaped with a saw, for example.

Due to the flexibility of the material, the dimensions of the products have a tolerance of 5 mm, which can be adjusted and compacted according to the module rows after placing them in place.

In order to ensure a uniform appearance of the rubber modules, it is recommended to limit the rubber tile installation with paving stones or wooden slats or horizontal slats.

The best final result is achieved with the help of an installer who is oriented towards installation.

### INSTALLATION INSTRUCTIONS FOR CONCRETE SURFACES

When installing rubber tiles on concrete surfaces, special attention must be paid to inclinations, so that the water coming onto the surface of the products can be efficiently led to the water collection system. Rubber tiles are impermeable to water.

There must be no cracks or holes in the surface of the concrete.

The concrete must be cast and the surface must have reached a certain hardness and tightness (45-60 days) before installing the rubber products. The substrate must be flat, clean and water must not collect on it.

Before gluing the modules, it is necessary to apply a water-permeable coating on top of the concrete. When gluing, it is necessary to press the modules together.

During installation, it should be noted that the modules must not get wet for 24 hours after placing them in place, because the glue must not get wet. The wetted adhesive surface no longer holds the modules together. In connection with gluing, it is not desirable that the temperature changes significantly.

Polyurethane adhesives are recommended for concrete surface installations. If the glue recommended by the manufacturer is not used in the installation, we do not guarantee that the glue will stick in the installation.

#### INSTALLATION INSTRUCTIONS FOR ASPHALT SURFACES

The asphalt surface must be hard, flat, dry, clean and must not contain runoff water.

The new asphalt surface must be poured at least 30 days before installing the rubber modules.

Otherwise, the same rules are followed for the installation of rubber brick and rubber tile on asphalt surfaces as in the above-mentioned sections regarding the installation of concrete surfaces.

#### INSTALLATION INSTRUCTIONS FOR SAND SURFACES

(sand and stone ash)

Before installation, the soil and any grass must be removed from the installation surface. If it is uncertain whether the surface will be strong enough, a water-permeable textile can be placed to stiffen the installation surface. Before installing the modules, sand is spread on the first layer and 0-35 mm strong aggregate is placed on the second layer. After that, before installing the tiles, a sand-cement mixture or dry concrete is used.

Ensuring the flatness and weight resistance of the base before installation is very important, the heavier the operating weight is on the modules, the thicker and stronger the base must be. Directing water to the water collection system from the surface of the rubber tiles is important because the modules are impermeable to water.

When installing on finely structured surfaces, it must be noted that the thickness of the modules is at least 40 – 45 mm, in order to avoid changes to the modules caused by movement. To ensure the smoothness of the surfaces of rubber bricks and tiles, it is still recommended to use plastic fasteners that fasten the modules to each other.

#### GENERAL MAINTENANCE INSTRUCTIONS

The surface of the modules should be washed with clean water or water mixed with a cleaning agent. To ensure a long service life, it is important to keep the surfaces of the modules clean and remove solid dirt, such as small stones, etc. However, do not use strong cleaning agents such as thinner or other similar chemical compounds for cleaning.

Do not wear footwear that could damage the surface of the modules, such as running spikes, soccer shoes or similar footwear.

Heavy motor vehicles such as cars, motorcycles, scooters and trucks are not recommended for rubber pavements as the rubber tires can weaken due to excessive weight.