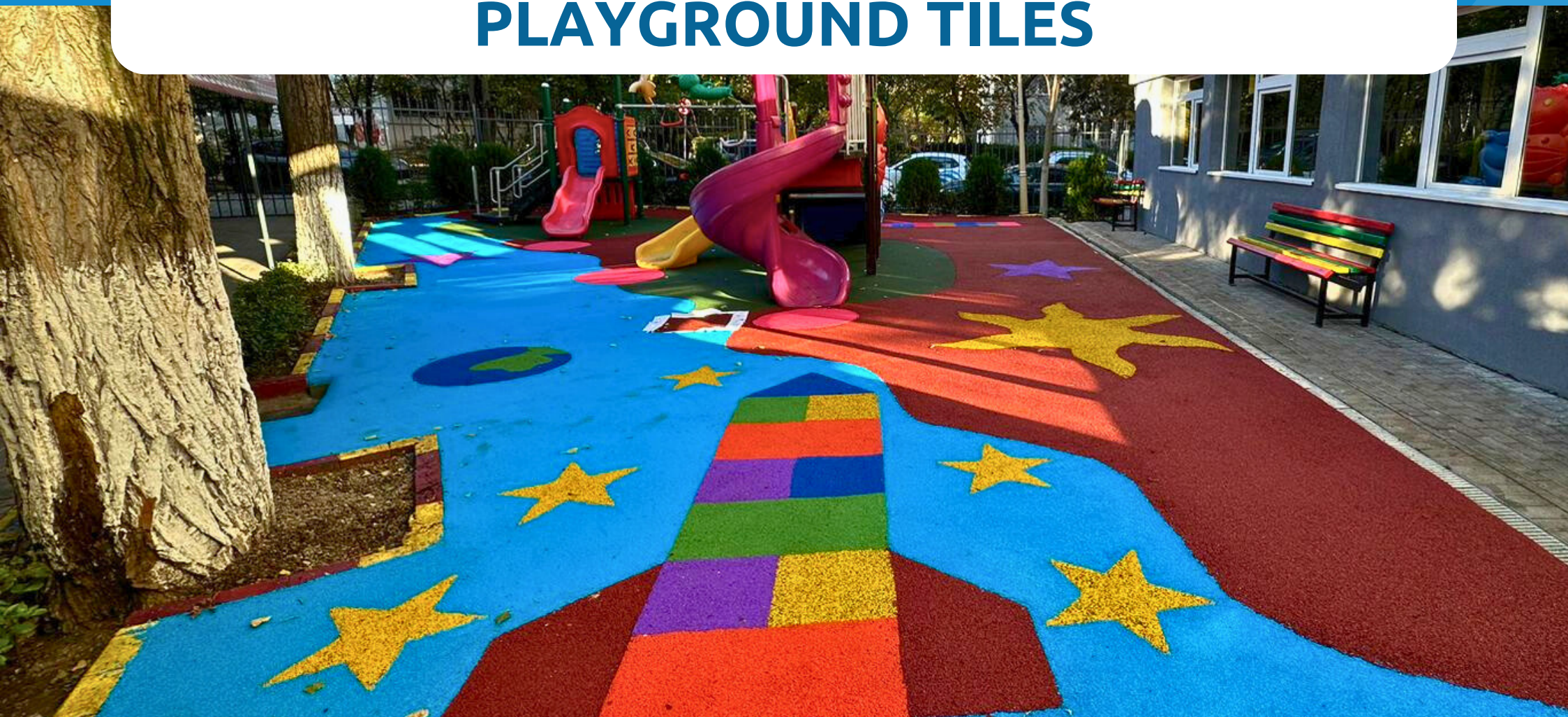




# POURED-IN-PLACE RUBBER FLOORING & PLAYGROUND TILES





SPECIAL AWARD FOR  
RESPONSIBLE  
INVOLVEMENT IN URBAN  
RECREATIONAL ACTIVITIES

**+500 projects successfully completed**  
in less than 10 years



## POURED-IN-PLACE RUBBER FLOORING. IDEAL FOR SAFE AND DURABLE URBAN SURFACES

The impact-absorbing surface made of poured-in-place-rubber is the perfect solution to ensure comfort and safety in playgrounds, sports fields, commercial, and industrial spaces.

With a wide range of benefits, tartan is a smart choice for any public infrastructure project:

- resistance to wear and frequent traffic
- shock absorption
- resistance to extreme weather conditions
- long service life
- non-slip and elastic surface

### What is poured-in-place rubber flooring?

Poured tartan is a versatile material made from SBR or EPDM rubber granules, mixed with a binder and poured on-site manually or with special equipment to obtain the final product.



Due to its excellent properties, poured-in-place rubber surface is an outstanding choice for paving and covering frequently used spaces. Its applications include:

- sports fields, gyms
- industrial and commercial areas
- children's play areas
- recreation areas
- animal husbandry, kennels, zoos, equestrian

Poured-in-place tartan can be used both outdoors and indoors (running/athletics tracks, tennis or multisport courts, or indoor play areas).

### Poured-in-place rubber flooring is created through the following process:

After applying the primer layer, black SBR rubber granules are mixed with a binder and applied using a finishing machine, according to the project specifications. Subsequently, depending on the desired thickness, this mixture is applied to the prepared surface and finished in various colors.

## POURED-IN-PLACE RUBBER FLOORING. MANDATORY POURING CONDITIONS

### 1. Supporting Layer:

- Type: the beneficiary ensures the presence of a cast surface made of flat and leveled concrete or asphalt/cement
- Flatness: +/-3 mm on a 3m ruler for a uniform surface
- Water Drainage: water drainage slopes should be provided through the supporting layer towards gutters or channels

### 2. Truck Access:

- The beneficiary ensures access for a truck with a maximum weight of 40 tons to the project address

### 3. Required Equipment:

- The beneficiary provides the necessary equipment for the unloading and handling of raw materials.

### 4. Ambient Temperature:

- Minimum 13°C for optimal working conditions

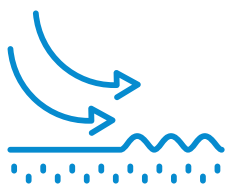
### 5. Substrate Temperature:

- At least 3°C above the current dew point temperature

### 6. Days with Precipitation:

- Work cannot start or continue on days with precipitation. A minimum of 3 rain-free days is required

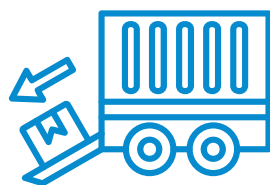
**7. Providing a sketch with models/figures to be executed; otherwise, Waterboyz's prepared design is accepted.**



FLAT SURFACE



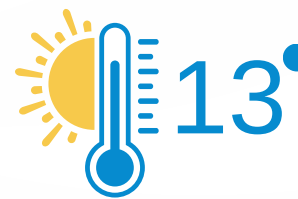
NO PRECIPITATION



UNLOADING EQUIPMENT



TRUCK ACCES



MINIM 13 DEGREES



SKETCH/ MODEL



# POURED-IN-PLACE RUBBER FLOORING





# POURED-IN-PLACE RUBBER FLOORING



## Step 1

The beneficiary ensures they have a poured concrete surface that is flat and leveled or an asphalt/cement surface.



## Step 2

Choosing models/figures to be poured.



## Step 3

Starting the execution process for models/figures.



## Step 4

Starting the execution process for poured-in-place-rubber.





# EPDM GRANULES

Properties equivalent to or better than those of virgin natural rubber. Vibrant and permanent colors that do not fade over time or with use.



RED



AQUA



WHITE



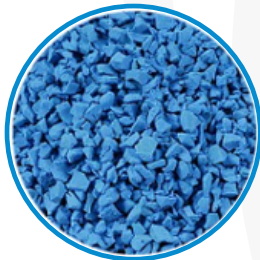
YELLOW



BLUE



ORANGE



SKY BLUE



BEIGE



PURPLE



DARK GREY



LIGHT GREY



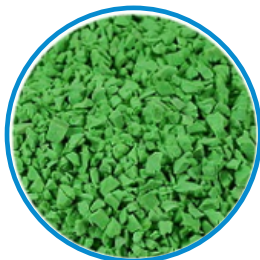
OGHRE



BROWN



SAND-BEIGE



GREEN



PINK

## SBR GRANULES

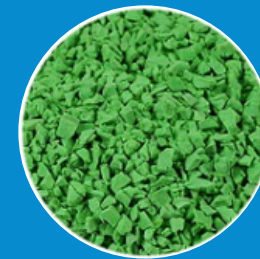
Obtained from post-production waste in the automotive industry, ensuring a material extremely resistant to abrasion.



BLACK



RED



GREEN

# PLAYGROUND TILES

The playground tiles are formed by recycling tires, which are transformed into small rubber granules.

These granules are poured into closed molds under pressure, using the technology of press vulcanization with electrically heated presses, forming uniform tiles.

The surface is non-slip, permeable, can withstand heavy loads, and is both aesthetic and pleasant to the touch. The back is profiled, ensuring water drainage.

## Installation

The tiles can be installed on sand, concrete, or soil, with the underside being adaptable to the surface, in the following locations:

- kindergartens, schools
- children's playgrounds
- sports halls
- restaurants, terraces
- guesthouses, hotels
- zootechnical farms, stables, dog kennels
- balconies, indoor or outdoor stairs, corridors
- pedestrian paths, pool edges





# RUBBER TILES ADHESIVE

The adhesive is applied under optimal conditions, at temperatures between 6 and 30°C, for impeccable results, contributing to maintaining the aesthetic appearance and long-term performance of the flooring. It is recommended to use an average of 1 kg of adhesive per 1 square meter of tiles.

**Surface preparation:** the surface to which the rubber tiles are to be adhered must be dry, free of dust, and dirt. In the case of unevenness, pre-leveling is essential to ensure a uniform base.

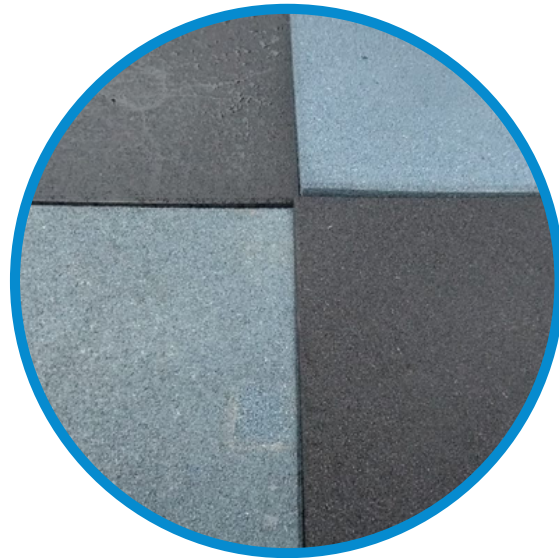
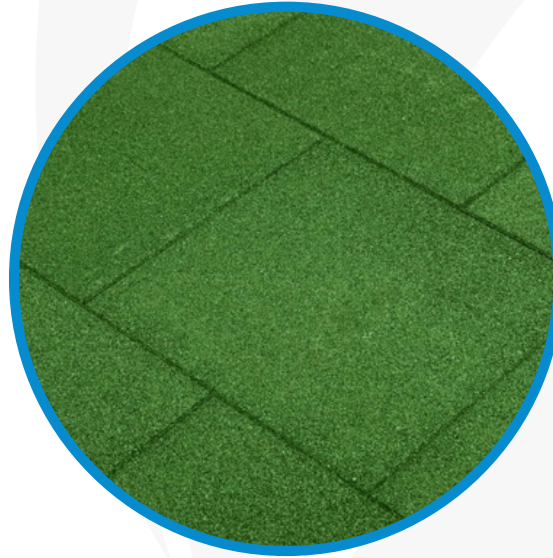
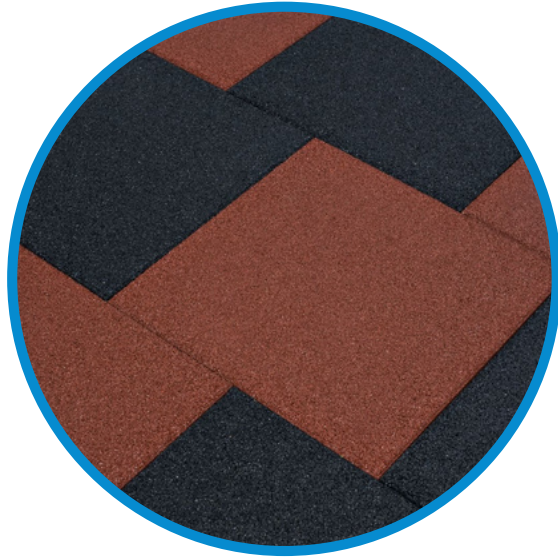
**Adhesive preparation:** the adhesive for rubber tiles can be applied with a brush or a spatula on the edges of the underside of the tile. Moderate application of the adhesive on the edges is recommended to avoid its accumulation under the tiles, which could affect water drainage and lead to the formation of ice or deformation of the floors.

**Pavement installation:** to prevent the displacement of rubber tiles, they are placed between rubber borders. A dilatation joint of 2-3 mm is ensured between the elements of the pavement. This allows the natural expansion and contraction of materials in different environmental conditions. Dilatation joints also help absorb shocks and maintain the integrity of the structure over time.

**Ensuring drainage:** to allow water drainage in the case of a concrete support layer, it is recommended to ensure a slope of 0.3 - 0.5%. This aspect is crucial to prevent water accumulation under the tiles, ensuring a safer surface and extending the lifespan of the flooring.



# RUBBER TILES ADHESIVE





SKU	Product	Dimensions	Description	Price
<a href="#"><u>Rubber Tiles Adhesive</u></a> <a href="#"><u>PDT-009</u></a> 		21,5 kg/ 22 kg / 9,4 kg	-	3 eur/kg
<a href="#"><u>Playground Rubber Tiles</u></a> <a href="#"><u>PDT-003</u></a> 		50*50*2.5 cm	4xred rubber tiles	19 eur/sqm
<a href="#"><u>Playground Rubber Tiles</u></a> <a href="#"><u>PDT-004</u></a> 		50*50*2.5 cm	4x green rubber tiles	19,5 eur/sqm
<a href="#"><u>Playground Rubber Tiles</u></a> <a href="#"><u>PDT-002</u></a> 		50*50*2.5 cm	4x black rubber tiles	19 eur/sqm
<a href="#"><u>SBR GRANULES</u></a> 		customised	black, red, green	ask for price
<a href="#"><u>EPDM GRANULES</u></a> 		customised	customised	ask for price

Waterboyz Romania reserves the right to adjust prices to cope with inflation, material price fluctuations, international transportation costs, and market conditions. Please request an updated price list from the sales consultant.

The price does not include VAT. Excluded from the price are:

- Transportation
- Installation

Would you like more information?  
Contact us for personalized offers.





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