



Modern high-technology  
manufactory for tire disposal and  
rubber crumbs production



ECO





One of the most important problems of our time is the solution of tasks related to waste disposal. Special attention is paid to recycling of auto tires, which are out of operation, since they are practically the most volumetric polymer waste and their utilization has an important ecological significance. Under the influence of sun and water, old tires are able to release toxic substances into the soil and atmosphere, decomposing about a hundred years.

In addition, tires have high combustion hazard and products of their uncontrolled burning have extremely negative impact on the environment.

Instead of dangerous storage or incineration, advanced technologies and methods for disposing of tire make it possible to produce many safe and useful products from old tires.

Used tires are valuable raw material. One ton of tires contain about 700 kg of rubber or artificial rubber, 200 kg of metal and 100 kg of cordage fiber. All this can be reused for production of general rubber and other goods. At the same time, when burning one ton of rubber, 270 kg of soot and 450 kg of toxic gases are emitted into the atmosphere.



## About company

---

New Eco City Company specializes in recycling of used tires, selling of rubber crumbs of various fractions and fabrication of rubber coatings.

Our Company understands the importance of recycling such an uneasy product as rubber and tries to take responsible approach to this issue and concentrates its efforts in the following fields:

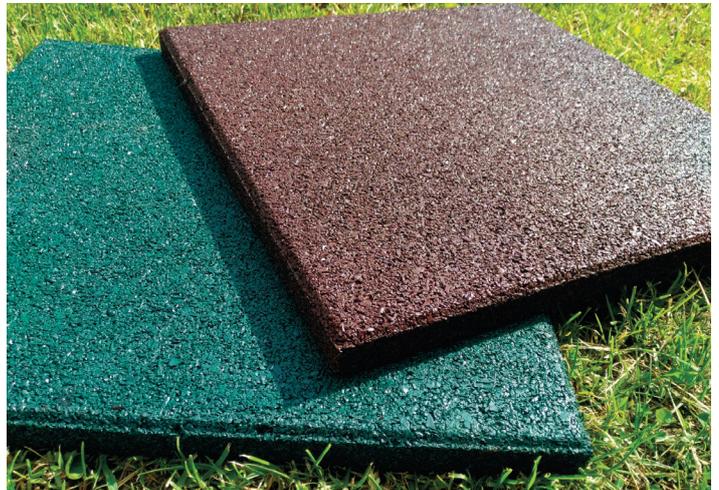
- implementation of new technologies and automation control of industrial processes;
- expansion of proposed product line of rubber crumbs obtained by waste tires processing;
- delivery of rubber crumb from warehouse in quantities necessary for customers;
- bringing recycling process of tires to the level where companies that sell the rubber do not pay disposal charge;

Each of these complementary fields has a single common development concept of our Company:

- cleaning our environment from rubber products that have served their time;
- offering sale markets for inexpensive raw materials to manufacture various products.

One of the most important components of the success of our Company is the use of the most advanced technologies in our production, the use of equipment of only high quality, a reasonable price policy and support of domestic manufacturer. We can become a leading supplier of services or products for your Company on mutually beneficial terms.





## Working with us is profitable!

---

One of the most important components of our company's success is the use of the most advanced technologies in our production, the use of only high-quality equipment, a reasonable pricing policy and support of domestic manufacturer. We can become a leading supplier of services or products for your Company on mutually beneficial terms.

By attracting potential customers, we can focus on the following main advantages that set us apart from our competitors:

- competitive prices for products and services;
- delivery of rubber crumbs and other products from our warehouse;
- delivery of rubber crumbs and other products to anywhere in Kazakhstan by any type of transport;
- providing regular customers with flexible systems of discounts and benefits;
- services for products delivery directly to customer.

As a result, what set us apart from other suppliers today:

- attractive pricing;
- reliability of supply;
- provision of information services;
- services for rubber crumb delivery and rubber removal for disposal.

We appreciate our customers





## Our services

---

Today our company can offer you the following services:

- recycling of passenger studless tires;
- recycling of studded tires;
- recycling of truck tires up to R22.5 inclusive;
- recycling of aircraft tires from R13 to R22.5 inclusive;
- recycling of motorcycle tires from R13;
- recycling of loaders tire from R13 inclusive;
- removal of tires for recycling by our vehicle;
- receiving of tires for processing in our factory.

In addition, we offer the following products:

- rubber crumb of various fractions;
- filler cord clean;
- filler cord rubberized;
- clean scrap metal;
- metal cord rubberized;
- rubber ring with metal cord;
- down textile.



## Production of rubber coatings

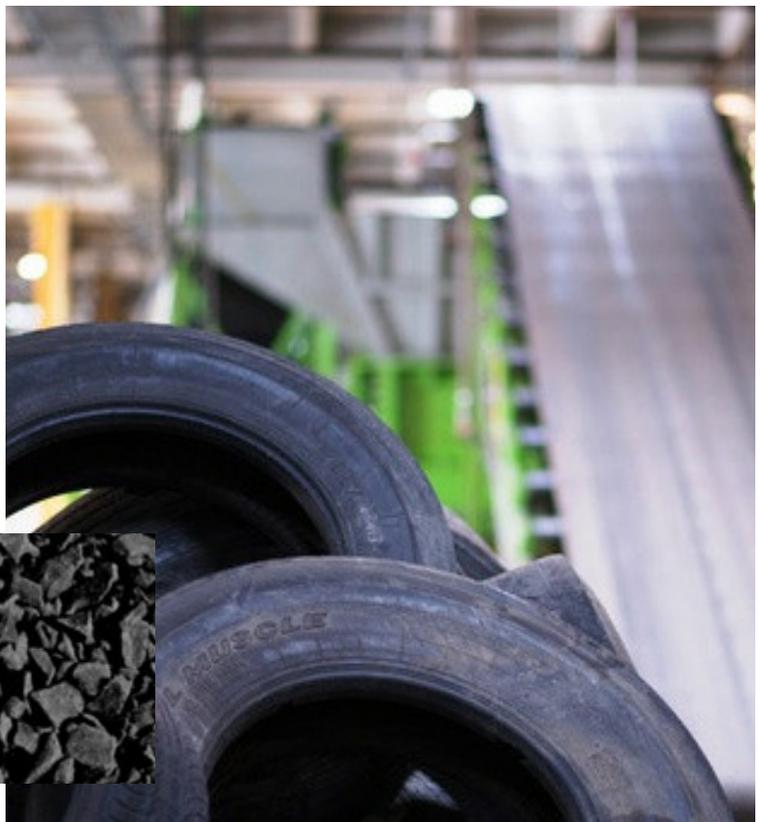
---

Production of rubber coating (coating from rubber crumb) and tires recycling – two main directions of our Company.

Rubber coatings have a number of unique benefits:

- Durability
- Hygroscopicity (water-absorption quality)
- Ecological compatibility
- Damping (shock absorption)
- Anti-skid
- Resistance to aggressive environments
- Aesthetic appearance

The application of coatings is truly diverse.





Children's playground coating  
from rubber crumb



## Children's playground coating from rubber crumb

New Eco City Company produces and sells high-quality rubber coating of various colors and rubber crumbs fractions. We realize coatings supply throughout Kazakhstan territory.

Children's playground coating complies to all safety requirements:

- environmentally compatible;
- injury safe;
- economic.

These characteristics provide the use of rubber crumb coatings both indoor:

- kindergartens;
- schools;
- gyms.

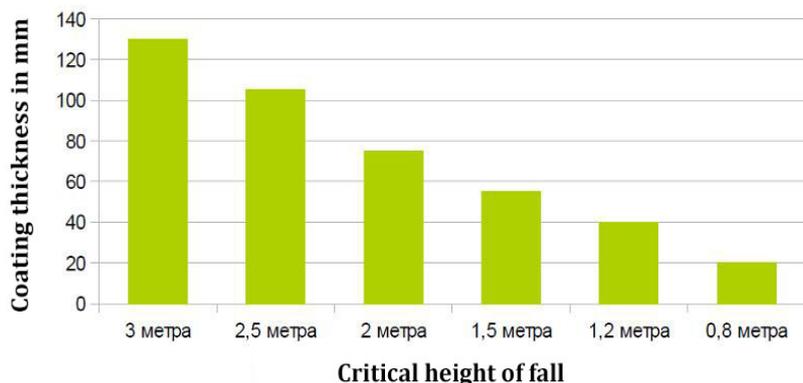
and outdoor :

- playgrounds;
- sport facilities;
- children's playground in the country house.

The standard defines the maximum height from which a child can fall, taking into account the type of coating. Separately, it is emphasized that:

- safe height varies according to seasons;
- adherence of shoe and coating surfaces shall not be change drastically to the direction of slipperiness under climatic influences (formation of dust during drying, humidity, frost, etc.);
- opening shall be easy for maintainance.

**Critical height of fall and coating thickness in mm**



There are a number of requirements for synthetic materials:

- Ecological safety of installation and operation.
- Resistance to flammable temperatures.
- Resistance to climatic conditions and ultraviolet radiation.

The rubber crumb coating meets all the requirements of the standards with a minimum thickness of tile or complete coating at least 40 mm. Ease of maintenance and anti-slip properties are not comparable with any type of natural coating.

PARAMETR	VALUE
Material	90% rubber crumb
Use temperature	+60oC....- 45oC
Density	690-990 kg/m2
Frost resistance	No changes 200 cycles -20 C
Chemical resistance	Gasoline – No damages Oil – No damages Acid and alkali short-term resistance
Water permeability	Permeable tile
Area of application	According to C33 No.029420. For open and closed children’s playgrounds, sport facilities and gyms, open sport grounds, run tracks, floors around the pool, moorings, exit and entrance of building, floors of industrial organizations, steps, garden paths, rooms for animals, shower rooms etc.,  Rooms and surfaces where wear resistant, anti-slip, elastic, sound-, noise- and shock absorbing injury free properties are required
Recommended base	Solid base: compacted soil, asphalt, concrete, sand and gravel mix, wood, stone. 1-2 % slope is required for water discharge
Repair	Maintainable, replacement of damaged tiles to new is possible





 new  
ECOcity

Mats for cattle

## Mats for cattle

---

Proper cattle management is critical to its production and healthy growth. In addition to compliance with proper ration, regular veterinary checks and a number of hygienic procedures the key moment is a competent stall arrangement providing the animal with the most comfortable management during the rest.

Rubber crumb mats are becoming more and more popular among livestock breeders - simultaneously soft and very durable, safe and warm floor coverings. We produce mats according to special formulation and due to this formulation the rubber mats are able to withstand heavy loads without deformation over time and animals feel much more comfortable on such rugs than on ordinary rubber tiles.

### ALL MATERIAL ADVANTAGES:

1. Cows feel like in their natural environment
2. The coating anatomically fits the body and hoofs of the animal
3. Increase of lie time (cows rest for 2 hours as the average)
4. Low thermal conductivity (lower than solid rubber)
5. Coating thickness varies 10 to 40 mm
6. Mat color is close to natural coating color
7. Damping function (optimal load distribution on the hoof)
8. Elastic and nondestructive (read about our glue)
9. Prevents spread of joint disease and helps to avoid the appearance of mastitis
10. Durable
11. Aesthetic
12. Protects against mechanical damages
13. Without freezing (unlike solid rubber) because in this case we use rubber crumbs obtained by crushing winter tires and keeping all properties.
14. High and voluntary occupancy of livestock by cattle

**Poured flooring**



**Hooves Traumatizing**

**Mats made of rubber crumbs**



**Natural damping effect**



## Rubber flooring in garage

---

Rubber flooring is a modern combination of aesthetics and practicality. Due to its resistance to all kinds of chemical influences as well as moisture resistance, the rubber mats floor is considered as one of the highest quality coatings.

Such coating:

- Durable;
- able to protect the car from moisture;
- without deformation;
- keeping clean the garage.

Our tile is nonreflecting in cold and hot seasons. No breaks when exposed to fuel or other mixtures. Dirt-resistant surface, easy to clean, soft and elastic surface.





Gym  
coating



## Gym coating

---

Safe floor - calling card of any gym. Rubber tiles are indispensable in gym coating. Material density is excellent to suit reliable fixation of exercise machines. Agree, it would not be desirable, making efforts on exercise machine to adapt to a moving gym apparatus. Coating absorbing properties have an effect on water absorption. With all care, athletes can pour water over the floor that they take with them to the gym and sweat drops to the floor at high loads. Surface that does not absorb the liquid can cause serious injury. Rubber surface will soften the clatter of barbell or dumbbell laid carelessly on the floor. Gym coating should not blind athlete. Rubber tile does not create glare.

It is easy to keep clean. It is enough to clean by vacuum cleaner and moist rag - and gym glitters as it's just opened.

### ADVANTAGES OF OUR COATING:

- Convenience of operation allows to achieve high level of safety during athletics;
- Anti-slip surface gives excellent adhesion to shoes;
- A large variety of colors and textures of tiles allow you to combine it creating a variety of patterns;
- Rubber crumb tiles are resistant to external influences, temperature drops;
- The coating is easy to clean from dirt, which makes it easy to maintain cleanliness in the gym for athletics;
- Tiles installation is performed in a short time. Special training is not required to install the tiles. A flat floor is a sufficient condition to install the tiles;
- Rubber tiles are simple in transportation and storage;
- Special materials and tools are not required to install the tiles;
- The tile is presented in a wide range;
- Rubber coating has a long operating life.

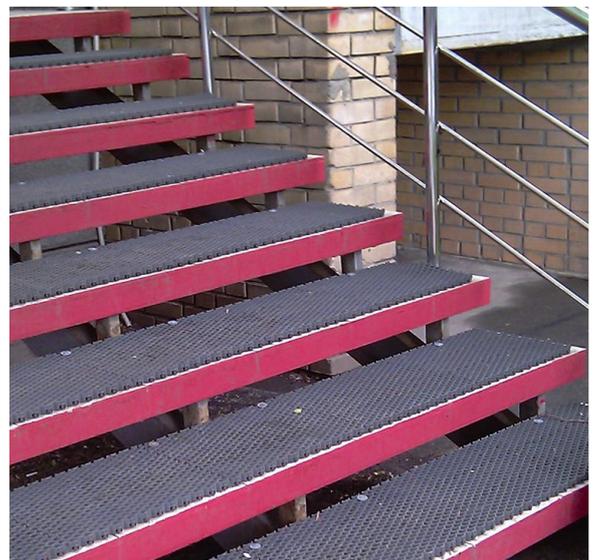




Anti-slip coatings  
for steps

## Anti-slip coatings for steps

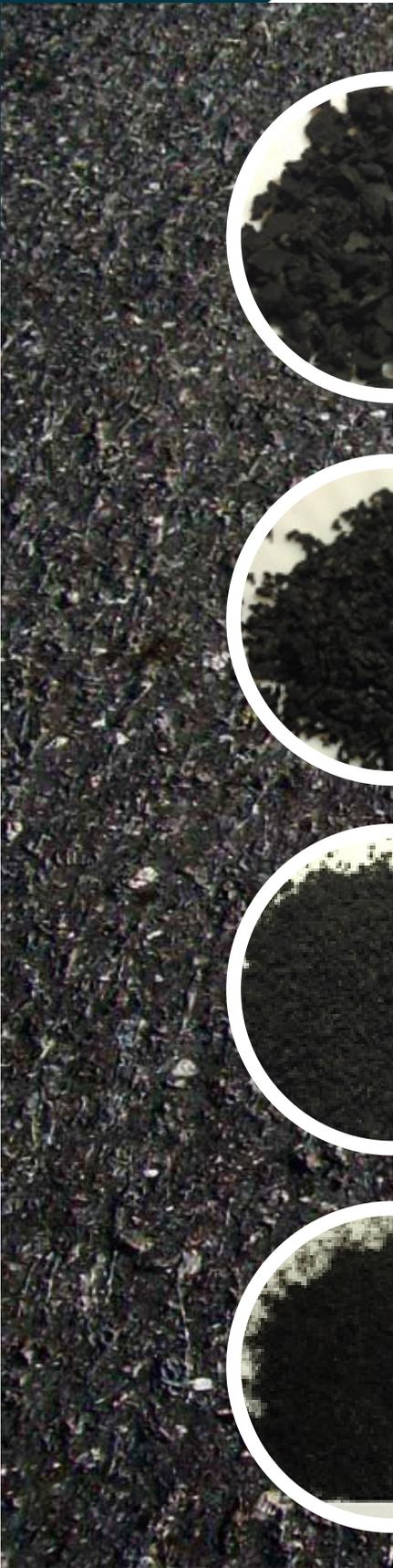
Calling of anti-slip coatings for steps is to protect people from the climate features, namely the formation of ice on the entrance elements of buildings with high attendance. Icing is formed due to accumulation of snow on shoes which melts when the doors open in winter season, and at temperatures close to zero on the steps and platforms in front of the entrance door in spring and autumn seasons. In addition, at low temperatures, the shoe sole freezes (hardens) and slides on smooth surface of the floor. The use of rubber crumb products can be considered as the best solution.



Advantages of rubber tile

					
Waterproofing	Durability	Frost resistance	Special maintenance is not required	Injury free	Verity of colors

## Rubber crumb

A large, vertical, rectangular image showing a close-up of dark, granular rubber crumb material. The texture is uneven and composed of many small, dark particles.

Tire crumb  
Fraction: 3-5mm  
Packaging: 25kg bag  
Color: black



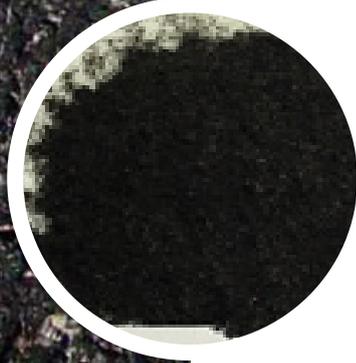
Tire crumb  
Fraction: 2-4 mm  
Packaging: 25kg bag  
Color: black



Tire crumb  
Fraction: 1-2 mm  
Packaging: 25kg bag  
Color: black



Tire crumb  
(rubber dust)  
Fraction: 0-,063mm  
Packaging: 25kg bag  
Color: black



## Rubber tiles

---



Thickness: 10 mm  
Dimension: 500x500mm, in 1sq.m.: 4 pieces



Thickness: 10 mm  
Dimension: 1000x1000mm, in 1sq.m.: 1piece



Thickness: 20 mm  
Dimension:500x500mm, in 1sq.m.: 4 pieces



Thickness: 20mm  
Dimension:1000x1000mm, in 1sq.m.: 1 piece



Thickness: 30mm  
Dimension:1000x1000mm, in 1sq.m.:4 pieces





Thickness: 30 mm  
 Dimension: 500x500 mm, in 1sq.m.: 4 pieces



Thickness: 35 mm  
 Dimension: 500x500 mm, in 1sq.m.: 4 pieces



Thickness: 40 mm  
 Dimension: 500x500 mm, in 1sq.m.: 4 pieces



Rubber crumb edge,  
 Thickness: 58 mm  
 Dimension: 500x260 mm, in 1sq.m.: 4 pieces



Coating for steps,  
 Thickness: 15 mm  
 Dimension: 500x280 mm, in 1sq.m.: 4



Rubber paving block "Katushka",  
 Thickness: 40 mm  
 Dimension: 235x135x40 mm, in 1sq.m.: 1piece



Rubber paving block "Volna",  
 Thickness: 40 mm  
 Dimension: 260x130x20 mm, in 1sq.m.: 1 piece





## ADVANTAGES OF OUR PRODUCTS

«New Eco City» Company is a direct manufacturer of rubber tiles, we can offer favorable and affordable terms of cooperation. Buying materials directly from the manufacturer, you get the following benefits:

- The minimum price without overpayments and intermediary surcharges;
- A wide range of products, ability to order products for individual parameters;
- Delivery in shortest time and in any volume;
- The opportunity to visit the production and control of manufacturing process



060000, Z.Gumarova 90Б, Атырау, РК

Tel.: +7 (7122) 20-66-55

Cell.: +7 (701) 555-20-66

E-mail: [info@new-ecocity.kz](mailto:info@new-ecocity.kz)

Web site: [new-ecocity.kz](http://new-ecocity.kz)