

SURFACES FOR PLAYGROUNDS

proflex◆
EPDM

proflex◆
SBR

flexmat

ek◆flex



nawierzchnie24

Manufacturer of safety surfaces

DURABLE SURFACES

SAFE PLAY



Rubber surfaces for playgrounds.

Looking for high-quality, reliable rubber plates for playgrounds? You'll find them in MTJ Group's extensive range of surfaces, thanks to which children of all ages will be guaranteed safety while playing.

Polish product. **#wspierajpolskągospodarkę**

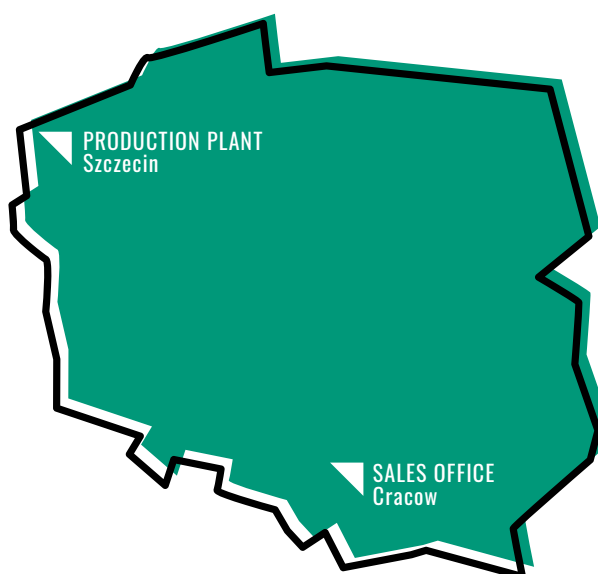


PRODUCTION PLANT

Barnisław 44, 72-001 Kolbaskowo

SALES OFFICE

Opatkowska 10b/15, 30-499 Cracow





Use of safe surfaces:

- Municipal playgrounds
- Neighborhood playgrounds
- Urban activity zones - playgrounds, combined with outdoor gyms
- Playgrounds at Traveler Service Areas
- Playgrounds at kindergartens and nurseries
- Hotel playgrounds
- Backyard playgrounds

High quality and safety.

- **Quality**

Rubber surfaces are made from the highest quality, recycled materials. Plates connected by 16 pins are a guarantee of durability for years.

- **Manufacturing**

The surfaces are manufactured by the EU standard PN: EN 1177:2019 and tested for safety.

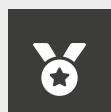
- **Safety**

HIC 1:0-2:8 certification ensures the safety of falling even from a height of 2.8 meters. The plates protect joints and cushion falls.

- **Certificate**

PZH certification confirms the safety of use - the surfaces have no negative effects on the skin, the child's respiratory system, or the environment.

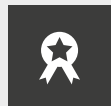
Basic features of rubber plates:



PN:EN 1177:2019



HIC certificate



PZH certificate



plate dimensions
50 x 50 cm



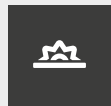
the thickness of plates
30 – 90 mm



frost resistant



anti-slip



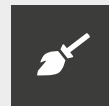
high thermal resistance



high mechanical resistance



sound absorption capacity



self-cleaning properties



simple and quick installation



the homogeneous structure over the
entire cross-section



does not collapse



no edge-wrapping effect

Be eco! Choose eco-friendly products.

- **Recycling**

The SBR and EPDM granules from which we produce surfaces were created based on tire recycling. We have technologies that guarantee complete purification of the semi-finished product so that it meets safety standards.

- **PZH Certificate**

Proflex, Ekoflex, Flexmat surfaces and Proflex Boards edges are safe for children's health (skin, respiratory system) and do not emit substances hazardous to the environment.

- **High durability**

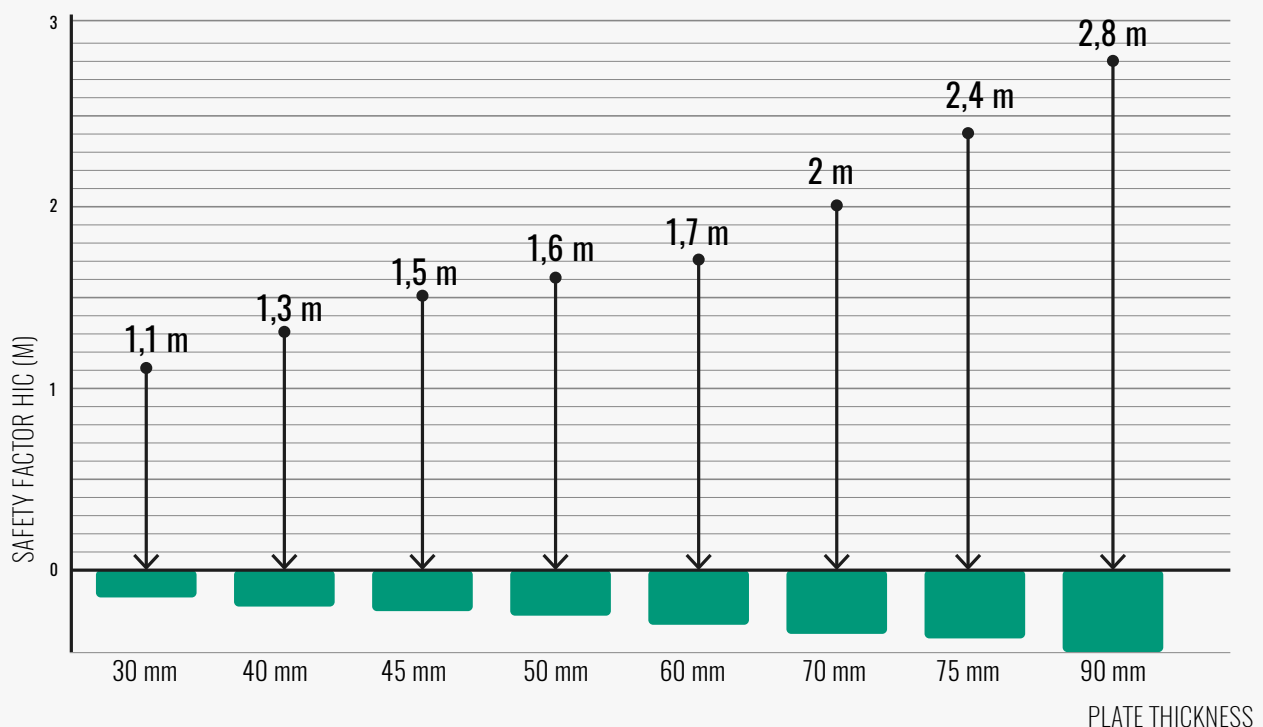
Thanks to their high density, the surfaces are characterized by very high durability, so they will last for years, without generating the need to renovate and dispose of the previous surface.





How to choose the right thickness for the plate?

Proflex plates are marked with HIC certification, which means that, depending on the thickness, they protect against falls from a given height. Before you choose the thickness of the surface, check how high the structures on the playground are or will be. At what height is the highest point from which a child could theoretically fall? Use the chart to choose the right product.



Assembly methods for Proflex, Ekoflex, and Proflex Play rubber plates

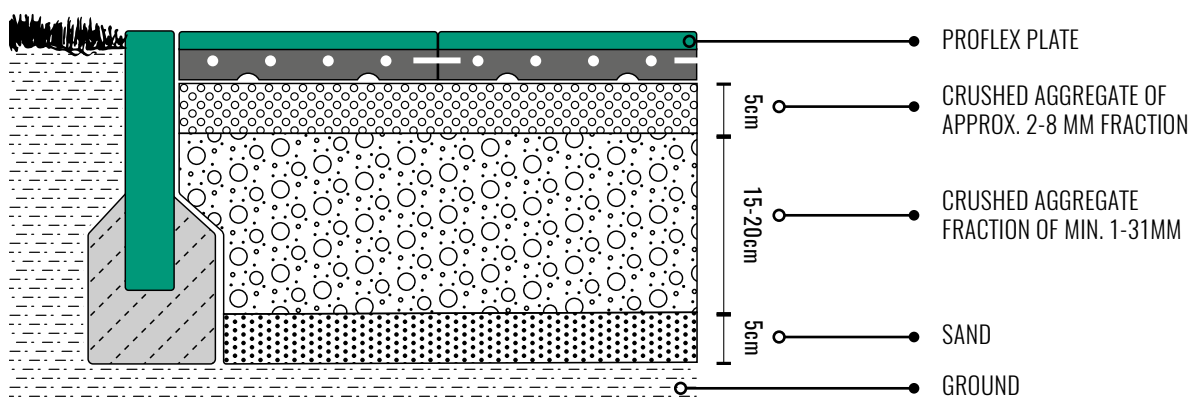
- installation without adhesive
- no concrete foundation is required
- easy installation of joining the plates with **dowels**

We produce a surfaces that is installed with 16 dowels - 4 at each edge of the Proflex, Ekoflex, and Proflex Play plates. This guarantees that the edges will not curl, and the surfaces will remain even for many years.

Each plate has 4 mounting slots at each edge. All you have to do is place the corrugated dowel included in the kit and connect it to the next tile. That's it!

Lower investment cost!

A big advantage of the plates is that the installation is done on a 15-20 cm aggregate substructure without the need for a concrete screed, which significantly reduces the cost of installation.



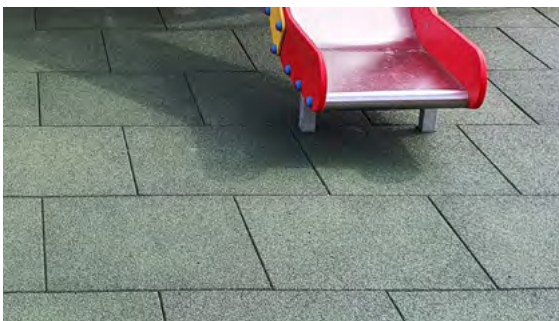


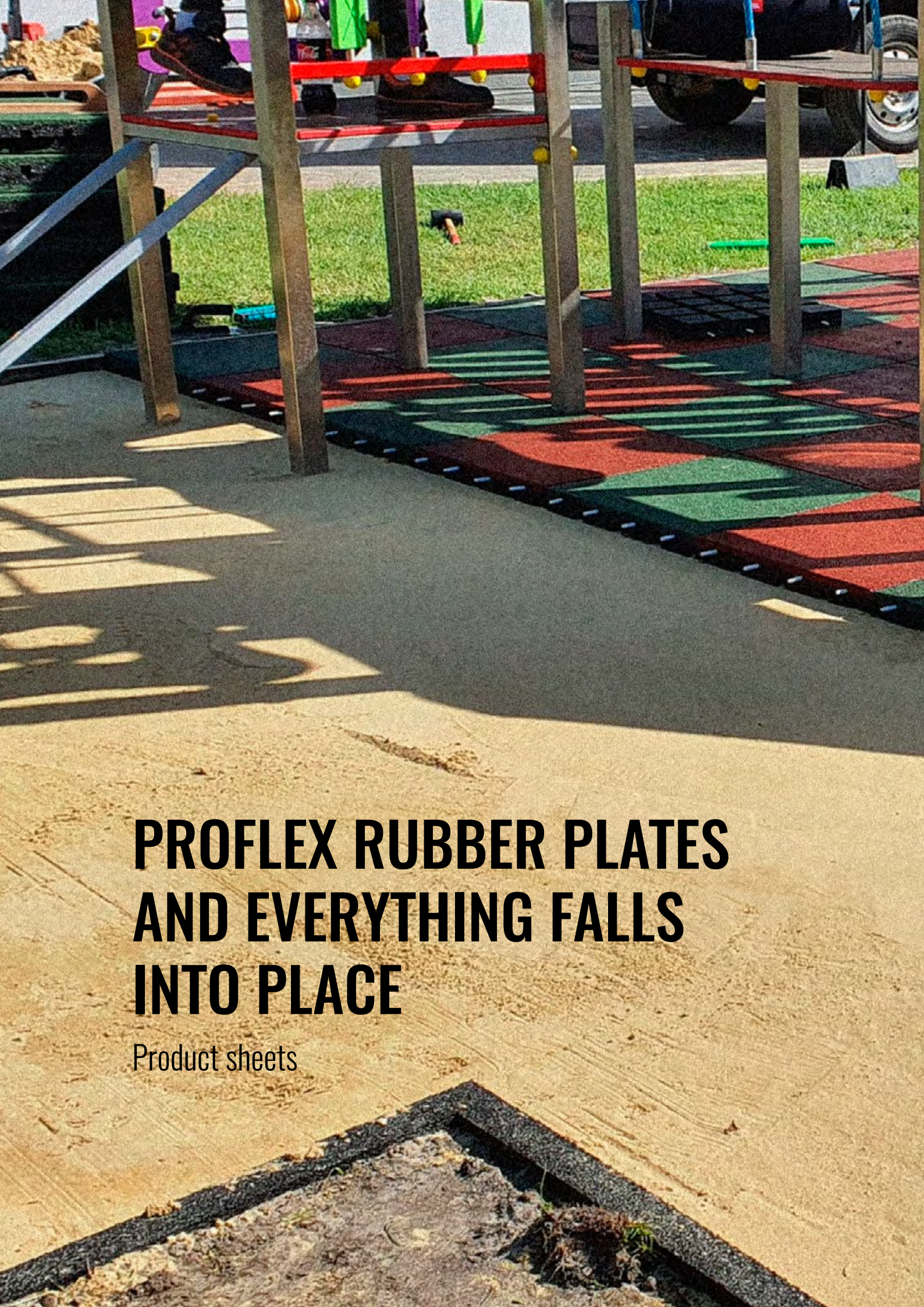
Two ways of laying the plates

Adjacent (the sides of the plates are in contact with each other) - gives the possibility of laying a checkerboard



Interleaved (batter arrangement, alternating) - breaks the harmony of the surface





PROFLEX RUBBER PLATES AND EVERYTHING FALLS INTO PLACE

Product sheets





Proflex SBR is layered rubber plates made of SBR rubber granules with a colored top layer. They are resistant to the elements and mechanical damage while remaining soft and safe in case of a fall.

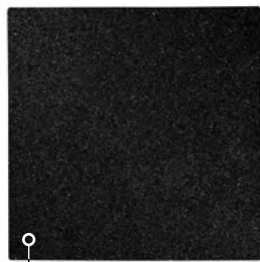
dimensions 50 cm x 50 cm	thickness 30 – 90 mm	5 colors optional
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Surface features:

- anti-slip
- frost resistant
- UV-resistant
- can absorb sound
- high thermal resistance
- self-cleaning properties
- drainage system to the substrate
- high mechanical resistance
- no edge wrapping effect
- quick and easy installations with dowels

Plate colors:

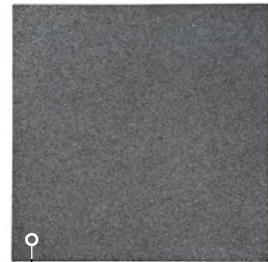
PROFLEX SBR rubber plates are available in 5 colors - black, red, green, gray, and blue. The color of the plates is durable, it does not rub off or fade over many years.



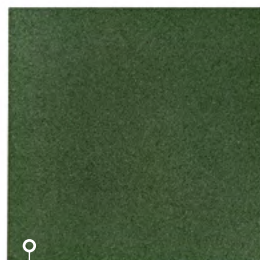
BLACK



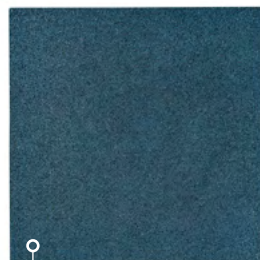
RED



GREY



GREEN



BLUE



Proflex EPDM rubber plates provide almost endless possibilities for arranging your playground - the surface is available in as many as 24 colors, and its properties ensure safe play in all conditions.

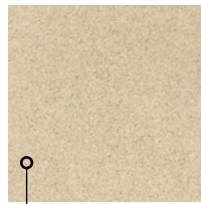
dimensions 50 cm x 50 cm	thickness 30 – 90 mm	24 color optional
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Surface features:

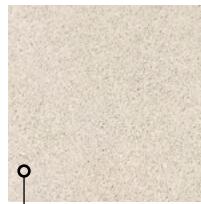
- anti-slip
- frost resistant
- UV resistant
- absorbs sounds
- high thermal resistance
- self-cleaning properties
- water drainage system to the substrate
- high abrasion resistance
- no edge wrapping effect
- quick and easy installation with dowels

Go wild with colors:

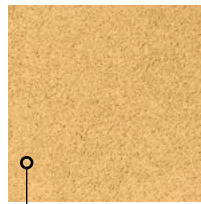
Proflex EPDM plates come in as many as 24 colors, from muted grays, greens and maroons to the intense colors of summer: yellow, celadon or sky blue.



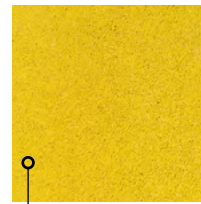
• **EGGSHELL**
RAL 1015



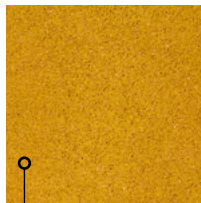
• **PEARL**
RAL 1013



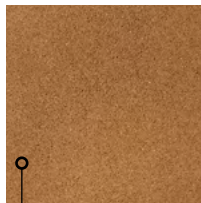
• **BEIGE**
RAL 1001



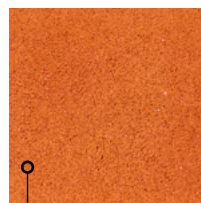
• **YELLOW**
RAL 1012



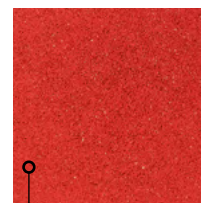
• **EARTH YELLOW**
RAL 1006



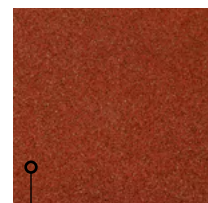
• **BROWN**
RAL 8024



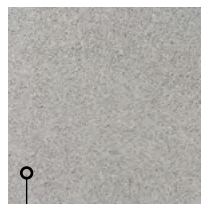
• **ORANGE**
RAL 2004



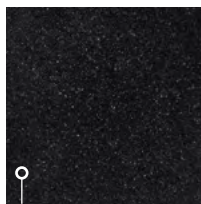
• **ROSE**
RAL 3017



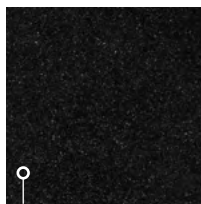
• **RED**
RAL 3016



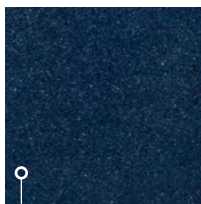
• **LIGHT GRAY**
RAL 7035



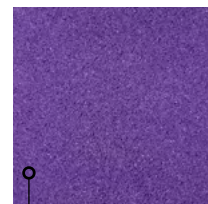
• **SLATE GRAY**
RAL 7015



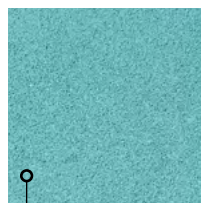
• **VIRGIN BLACK**
RAL 9004



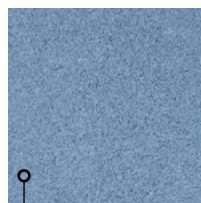
• **CAPRI BLUE**
RAL 5019



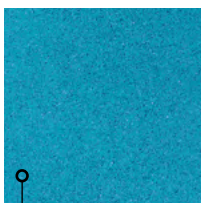
• **PURPLE**
RAL 4005



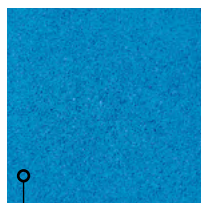
• **TURQUINISE BLUE**
RAL 5018



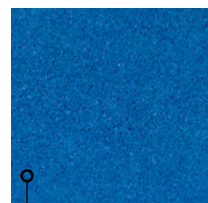
• **BLUE GRAY**
RAL 5014



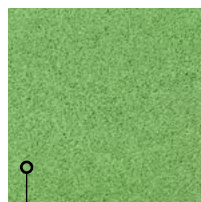
• **TEAL**
RAL 5024



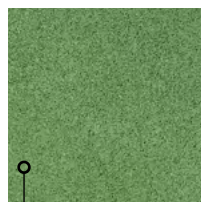
• **SKY BLUE**
RAL 5015



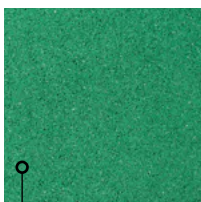
• **RAINBOW BLUE**
RAL 5017



• **MAY GREEN**
RAL 6017



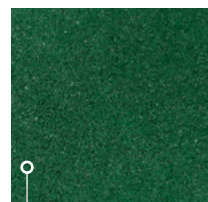
• **RESEDA GREEN**
RAL 6011



• **PATINA GREEN**
RAL 6000



• **RAINBOW GREEN**
RAL 6025



• **SIGNAL GREEN**
RAL 6032



Proflex Play plates are colorful surfaces with a game of class or twister. Want to invent your play? You can order plates with any shape, letter, or number.

The games can be part of the surface or, thanks to the use of rubber edging, form a separate, fenced-off play area. This is a great way to increase the attractiveness of any school playground, playground, or urban outdoor activity zone.

dimensions 50 cm x 50 cm	thickness 30 – 90 mm	29 colors optional: SBR or EPDM
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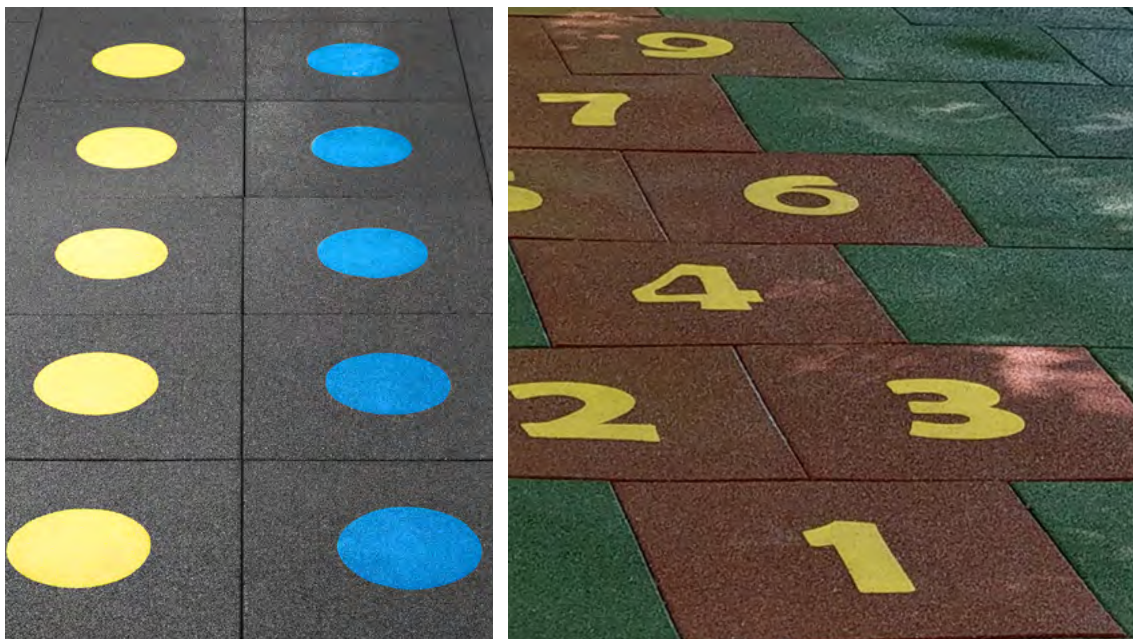
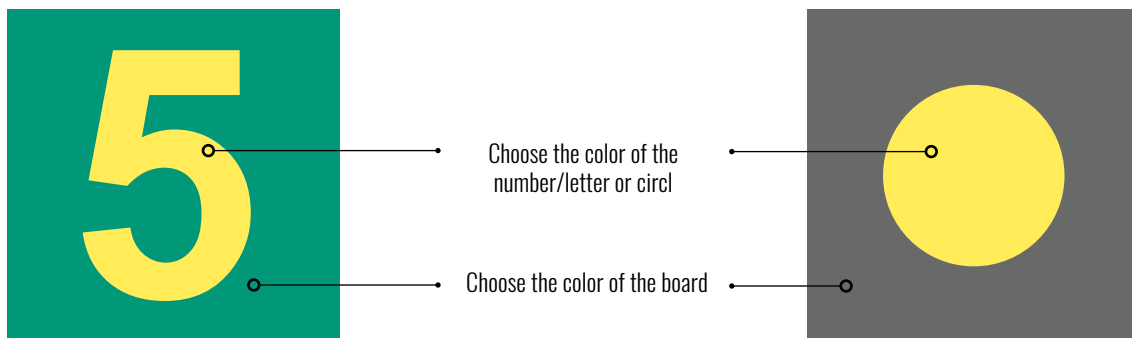
Surface features:

- rich color range: choose from 5 SBR colors and 24 EPDM colors
- plates with shapes, numbers, and letters are created based on Proflex SBR and EPDM, so they retain all their properties
- they are non-slip, which is key during children's games
- are characterized by high mechanical resistance - even the biggest rascals won't be able to handle them.

Ideas for backyard games:

Class game and Twister are the most popular games that you can incorporate into a safe surface, but the manufacturing process of the plates does not limit us in any way! Use letters to arrange lettering or the alphabet. Create an educational zone for the little ones - learning counting, colors, or traffic lights.

You can create backyard games by combining square plates in a contiguous arrangement (so that they meet with the whole side) or on a divider, which gives you a lot of freedom in game design.





Your home - your safe choice!

Ekoflex is a high-quality SBR rubber plate recommended as a surface for a backyard playground, especially for younger children. Ekoflex will be ideal as a surface for swings, slides, wooden houses, etc. If you have tall structures or climbing walls, consider purchasing Proflex EPDM or SBR plates of greater thickness.

dimensions 50 cm x 50 cm	thickness 25 mm	4 colors optional
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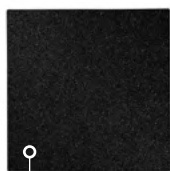
Surface features:

- weather resistant
- abrasion resistant
- anti-slip
- has a water drainage system
- color does not fade from sun and frost

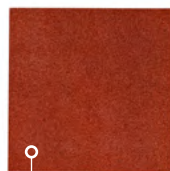
SAFETY OF YOUR CHILDREN IS THE MOST IMPORTANT!

Plate colors:

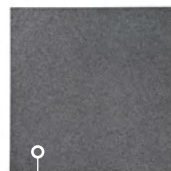
Ekoflex rubber plates come in 5 colors - black, red, gray, green and blue. The color of the granules from which the surface is made remains intense regardless of exposure to sunlight and rain or snow.



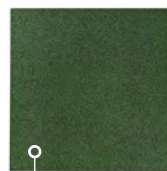
BLACK



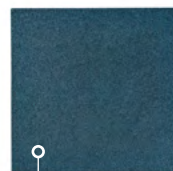
RED



GRAY



GREEN



BLUE





Proflex Boards, or SBR rubber edging, will find their use in playgrounds with rubber surfaces, but also with sand surfaces. Proflex Boards edging is extremely flexible and thus can be easily bent at any angle.

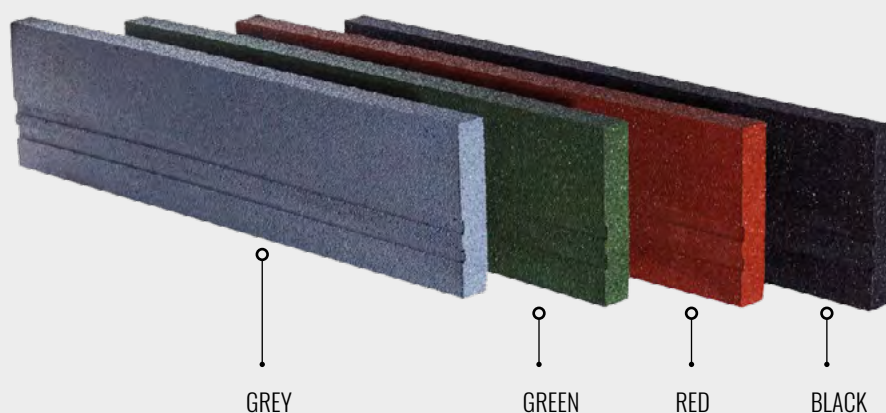
dimensions 100 cm x 25 cm	thickness 5 cm	4 colors optional
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Surface features:

- high heat resistance
- anti-slip
- frost resistant
- high mechanical resistance

Application:

- playground curb with a safe surface
- playground curbs with sand or gravel
- curbs for sandboxes and other activity areas



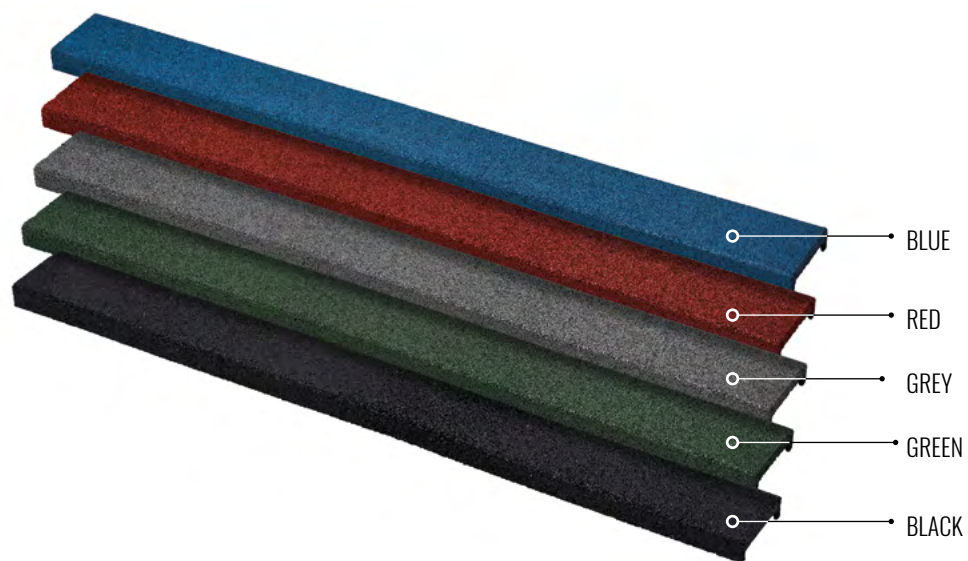


Rubber overlays protect concrete edging for safer play and recreation. When properly selected, they level with the entire rubber surface. For use in playgrounds, outdoor gyms, recreation areas, and playgrounds.

width 6 cm / 8 cm	length 100 cm	5 colors optional
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Surface features:

- frost resistant
- UV resistant
- high mechanical resistance
- safe



flexmat

Flexmat is rubber hypertrophic mats that are non-slip and abrasion resistant. They are suitable as a surface for playgrounds and urban activity zones.

Thanks to their construction, they overgrow with grass after some time, remaining a safe and stable surface.

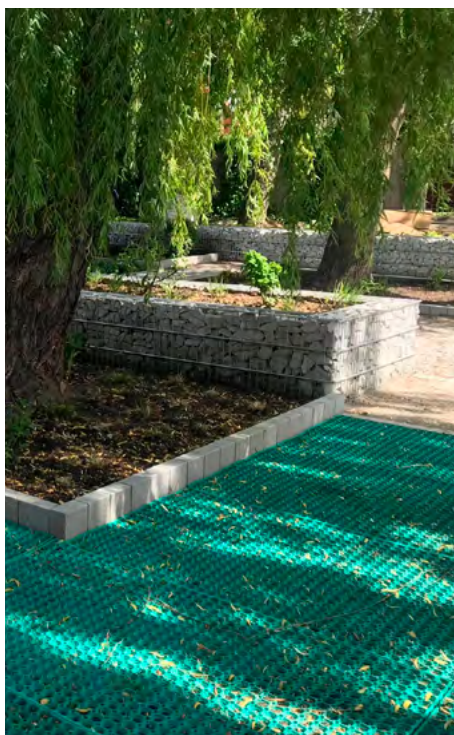
Lower price, high quality, and safety. Flexmat are HIC 3.0 certified, which means they protect against falls from 3 meters

dimensions 100 cm x 150 cm	thickness 23 mm	color black or green
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Surface features:

- anti-slip
- frost resistant
- durable according to EU standards
- resistance to UV radiation
- frost resistant
- possibilities to install on flat surfaces and on slopes

BEAUTIFUL LAWN AND SAFE FUN!



FOR DESIGNERS AND ARCHITECTS

Apply the textures of our plates to your project!



We respect the time of our contractors, so we have prepared downloadable materials so you can easily test any type of surface by applying it to your project.

Rubber surfaces find their application in projects:

- terrace
- balconies
- urban spaces
- playgrounds
- gyms
- fitness rooms
- crossfit halls
- studs and stables
- animal training schools
- climbing gyms
- children's playrooms
- outdoor gyms

RULES OF COOPERATION:

- You are entering into cooperation with a company with many years of experience in the market.
- As an innovator in our industry, we continue to provide new solutions.
- Our rubber surfaces are thoroughly tested: they are approved by the PZH and certified by HIC 1.0 ÷ 2.8 m and meet EU standards. You know what you are taking!
- We supply goods of the highest quality - durable, safe, and aesthetic.
- We conduct each cooperation on individual terms and are open to non-standard models.
- We produce to order, so the goods are selected specifically to meet your expectations.



Quality of products

The highest quality materials used in production



Individual terms and conditions

We individually set convenient terms of cooperation



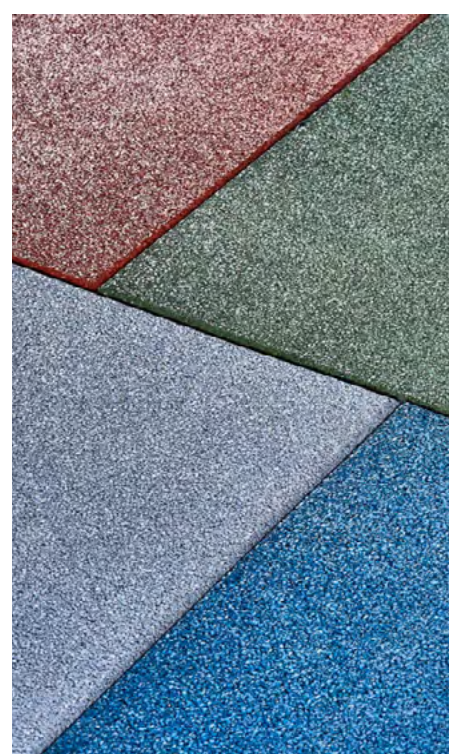
Fixed discounts

We provide permanent discounts for Architect



Promotional materials

We provide information materials and brochures.









GUARANTEE

We are confident in the durability of our surfaces, which is why we guarantee Proflex and Ekoflex for 2 years. Flexmat surfaces mats, due to their simple construction, are guaranteed for up to 5 years!

MTJ GROUP

No. 1 manufacturer of safety surfaces in Poland

Order at sklep.nawierzchnie24.pl

Do you have any questions? Write biuro@nawierzchnie24.pl

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TRUST PROVEN PRODUCTS



Manufacturer of safety surfaces



nawierzchnie24

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