



Farabazyaft

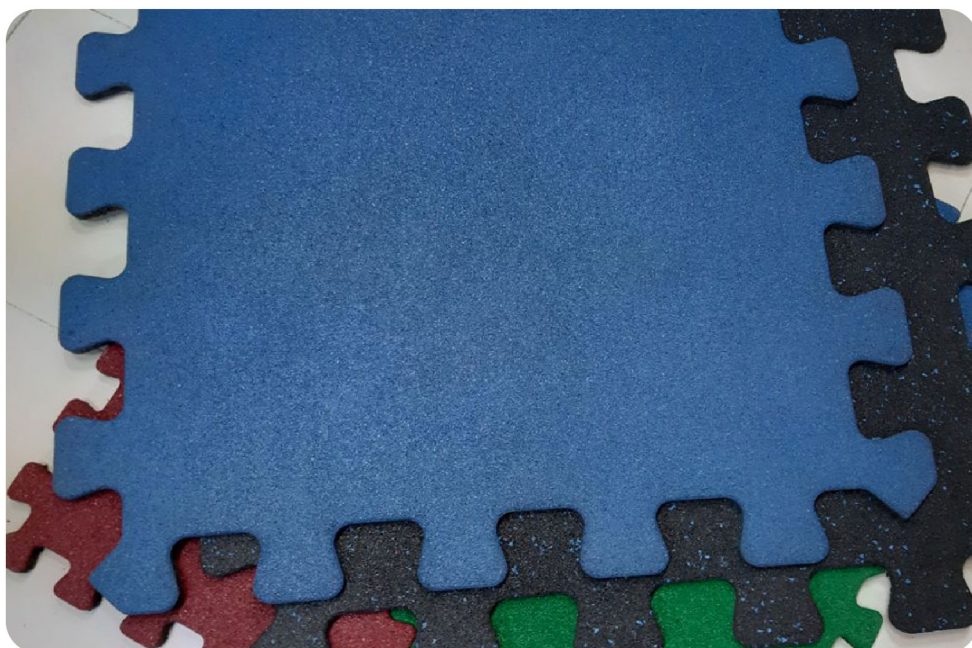
Recreating resources from industrial waste

PRODUCT CATALOG

SAFE PLAYGROUND FLOORING

Granulated Puzzle Playground Flooring

Safe, durable and eco-friendly for play, educational and sports spaces — with an interlocking puzzle structure and recycled rubber granule.



Tile size

980×980

millimeters

Thickness

20 & 25 mm

Material

Recycled granule

100% Recycled

Shock-absorbing

Puzzle & anti-slip

PRODUCT BENEFITS

Why puzzle flooring?

Its interlocking puzzle structure, high shock absorption and environmental resistance make it a safe, durable choice for children's play areas and sports spaces.

01

High shock absorption

Reduces injury risk when children fall.

02

Easy to install & lift

The puzzle structure simplifies laying and replacing pieces.

03

UV & weather resistant

Long-lasting outdoors under direct sun.

04

High abrasion resistance

Suited to high-traffic, continuous use.

05

Anti-slip & safe

A sure surface in dry and wet conditions.

06

Eco-friendly

Recycles worn tires and cuts rubber waste.

100%

Recycled raw material

2

Standard thicknesses

980

Tile size (mm)

Production process

From worn tire to finished tile

1

Collect worn tires



2

Crushing & granulation



3

Blend with resin &
pigment



4

Mold & press puzzle tile

PRODUCT DETAILS

Technical specifications

Specifications

Puzzle flooring

Dimensions **980 × 980 mm**

Thickness **20 & 25 mm**

Composition **Recycled tire granule + polymer resin + pigment**

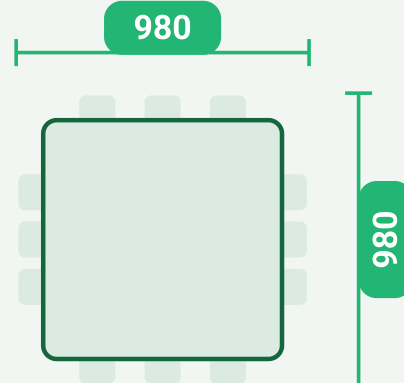
Structure **Puzzle / interlock**

Shock absorption **High**

Weather & UV **Resistant to sun & rain**

Abrasion resistance **High**

Application **Playground & sports**



20/25

Thickness (mm) – side view

Dimensional render (mm)



Toothed interlocking edges

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Two standard thicknesses

20

mm

Standard thickness

Lighter; for public, low-impact areas.

25

mm

More shock absorption

Recommended for children's play areas.

LAYING & INSTALLATION

Installation & puzzle structure

The puzzle pieces lock together at their toothed edges to form a continuous, displacement-resistant surface — fast to lay, adhesive-free, with single-tile replacement.



Installed on a playground in Yazd, Iran

Four-sided lock

Each tile's teeth engage its neighbors.

Adhesive-free laying

Fast to lay on a flat, prepared base.

Single-tile replacement

A damaged tile is easily swapped out.

Surface stability

Resists displacement and heavy traffic



Combine colors freely

Combine colored tiles to create varied playground patterns; the granular texture gives a soft, shock-absorbing surface.

FIELD OF USE

Applications

**Children's playgrounds****School yards****Gyms & fitness clubs****High-traffic public spaces**

Contact us for orders and technical consultation

Or visit the Farabazyaft website to see the products.



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