

3ACORI[®]

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3ACORI[®]

Rubber Floors

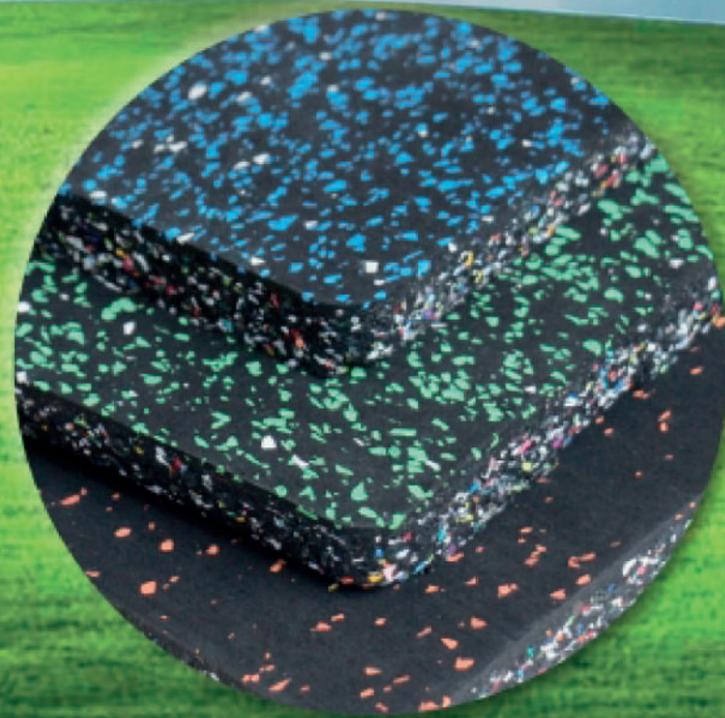




Table of Contents

Products 01

Pure color Rubber Floor Tile

EPDM Color Dots Rubber Floor Tile

Composite Rubber Floor Tile

Bonded Rubber Floor Tile

Rubber Coil

Lock Buckle Products

Flyover Brick /16 Checkers brick

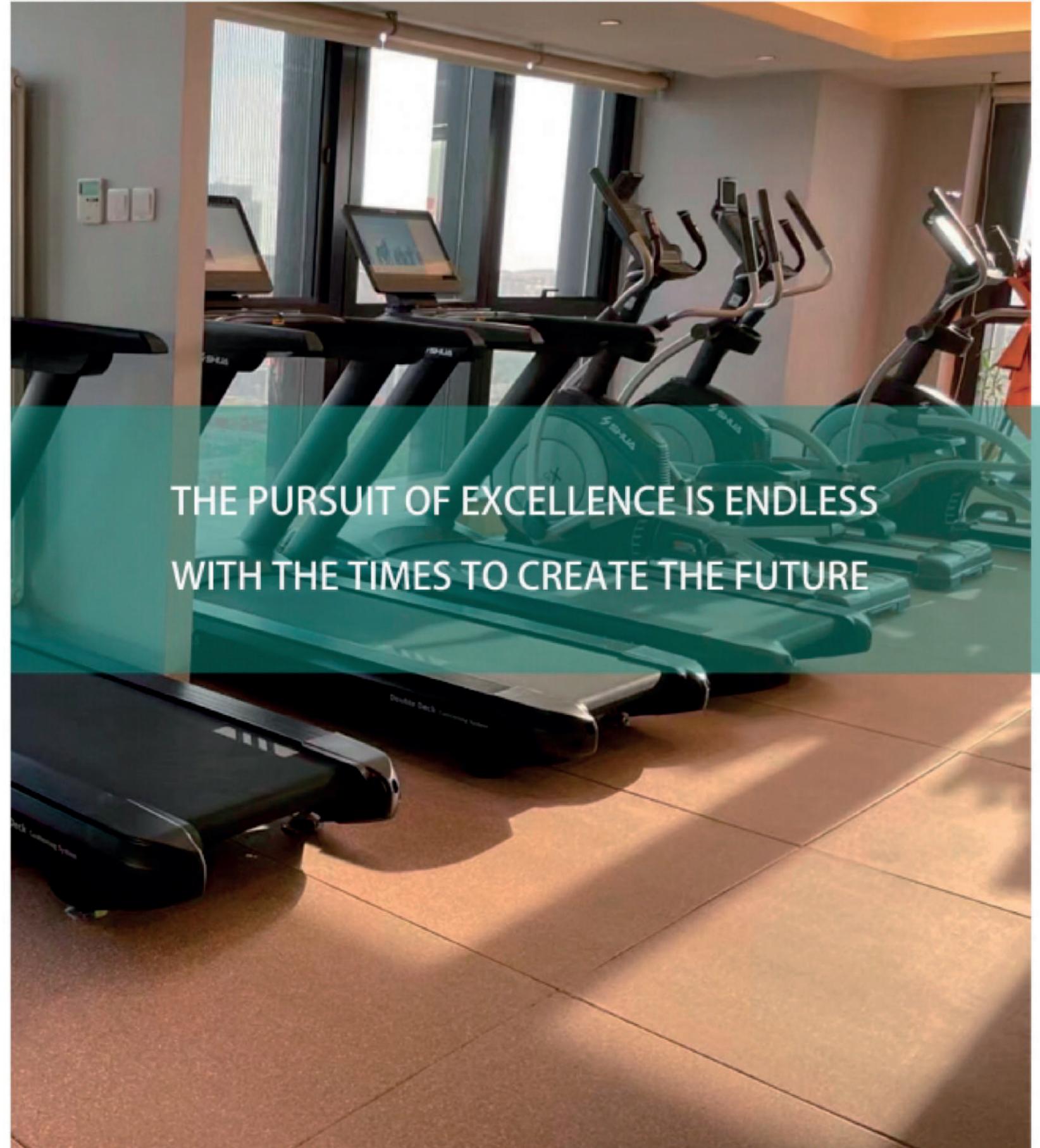
Shock absorbing and soundproof rubber floor

Polyurethane Rubber Soundproof underlay

Rubber Surface Track

EPDM Rubber Ground

Project Directory 02



THE PURSUIT OF EXCELLENCE IS ENDLESS
WITH THE TIMES TO CREATE THE FUTURE

Pure Color Rubber Tile

Product side view



Color



Parameters

Material: SBR rubber particles (Surface layer available in 6 colors: red, yellow, blue, green, gray and black)

Connection: splice type connection

Specification: 1000mm*1000mm*thickness (15, 20, 25, 30) mm

500mm*500mm*thickness (15, 20, 25, 30) mm;

Application: Outdoor courts, Kindergartens, Outdoor playground.

Characteristics

1. Pressure resistance, impact resistance, large coefficient of friction, elasticity, shock absorption and anti-slip, strong protection.
2. Weather resistance, high temperature resistance, UV resistance, can be used normally in the range of -40°C~100°C, can meet the needs of different places.
3. Good water resistance, easy surface cleaning, maintenance easy.
4. With excellent heat insulation, sound insulation, antistatic, flame retardant (self-extinguishing), high safety factor
5. Environmental protection, anti-fouling, does not breed microorganisms, no irritation to the human body.

Quality Inspection Report

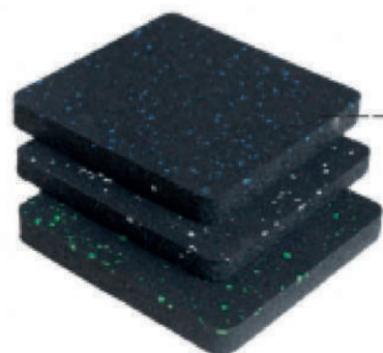
Case	Inspection Item	Unit	Technical Requirements	Inspection Result	Single-item determination	
1	Anti-slip value (BPN20°C)	--	≥ 47	88	Qualified	
2	Anti-flaming	level	1	1	Qualified	
3	Benzene	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
4	Toluene and xylene sum	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
5	Free toluene diisoxylate	g/kg	≤ 0.2	Not detected (detection limit 0.1/kg)	Qualified	
6	Heavy metal	mg/kg	Leachable Lead	≤ 90	6	Qualified
			Soluble cadmium	≤ 10	0.9	Qualified
			Soluble chromium	≤ 10	0.8	Qualified
			Soluble mercury	≤ 2	Not detected (detection limit 0.003 mg/kg)	Qualified
7	Vertical deformation	mm	0.6-2.5	2.0	Qualified	
8	Tensile strength	MPa	≥ 0.4	1.1	Qualified	
9	Elongation at break	%	≥ 40	113	Qualified	

CASE//



EPDM Color Dots rubber Floor Tile

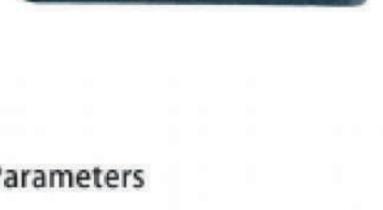
Product side view



The Surface layer
thickness 3mm~5mm,
Dyed SBR rubber particles with 14-16 mesh



Bottom Layer:
SBR rubber particles with 8-10 mesh
(Ordinary Type)



Bottom Layer:
SBR rubber particles with 14-16 mesh
(All Fine Type);

Color



Red Yellow



Blue Green



White Blue-yellow

Parameters

Material: SBR Rubber Particles (Background color:Black/Gray+EPDM color dots: Red, yellow, blue, green, orange, white, purple. can choose 1-3 color dots among)
Connection: splice type connection
Specification:1000mm*1000mm*thickness (15、20、25、30) mm ;
500mm*500mm*thickness (15、20、25、30、40、50) mm;
Application: Indoor, Gym, Billiard Hall, High-end Club

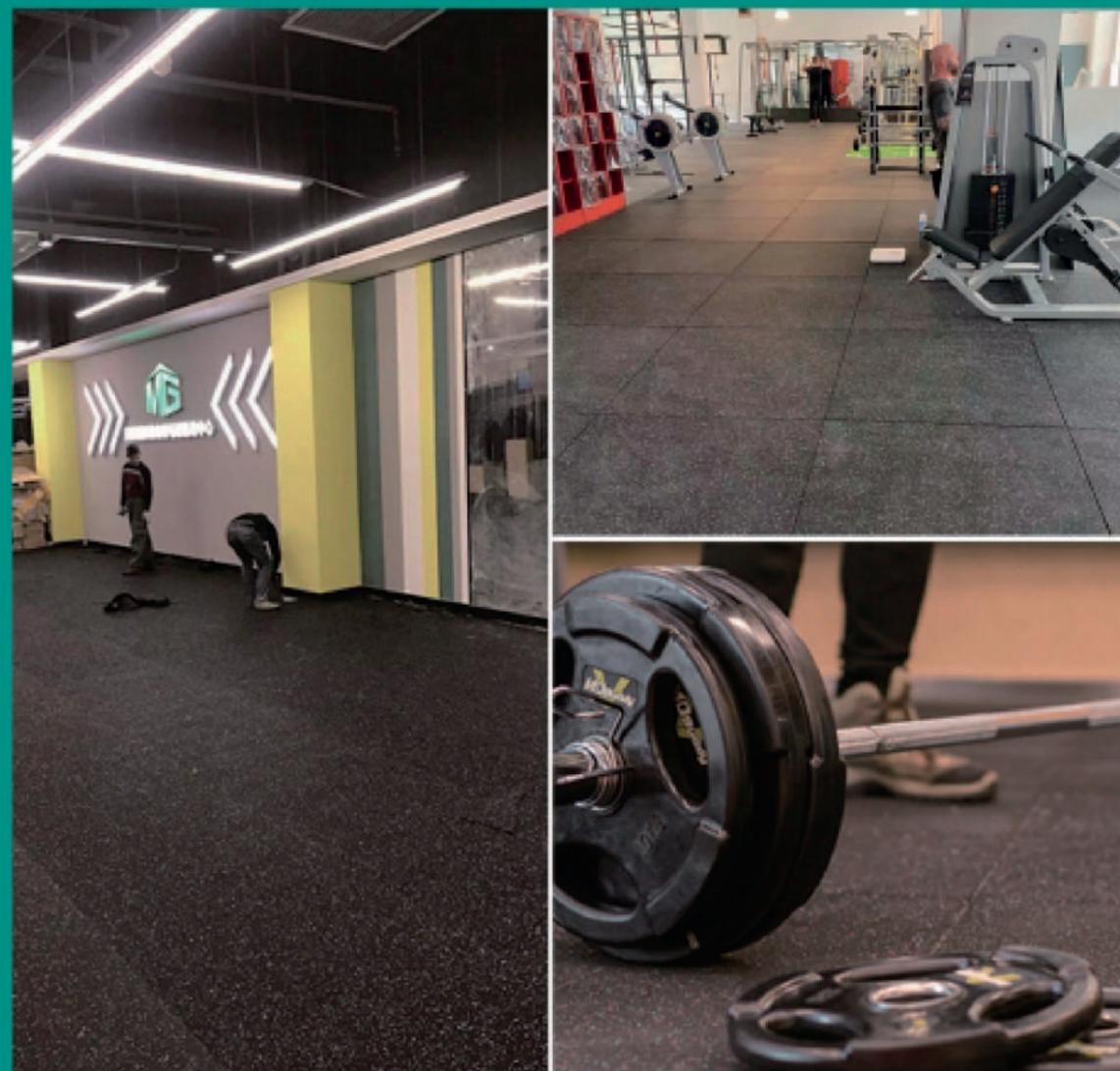
Characteristics

- 1.pressure resistance, impact resistance, large coefficient of friction, elasticity, shock absorption and anti-slip, strong protection.
- 2.Weather resistance, high temperature resistance, UV resistance, can be used normally in the range of -40℃~100℃, can meet the needs of different places.
- 3.No water on the surface, easy to clean and easy to maintain.
- 4.High safety coefficient of heat insulation, sound insulation, antistatic, flame retardant.
- 5.Environmental protection, anti-mildew, no stimulation to the human body, no breeding of microorganisms.
- 6.Various specifications, rich colors, non-reflective, beautiful and generous finish, can be combined with a variety of patterns.

Quality Inspection Report

Case	Inspection Item	Unit	Technical Requirements	Inspection Result	Single-item determination	
1	Anti-slip value (BPN20℃)	---	≥ 47	88	Qualified	
2	Anti-flaming	level	I	I	Qualified	
3	Benzene	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
4	Toluene and xylene sum	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
5	Free toluene diisoxylate	g/kg	≤ 0.2	Not detected (detection limit 0.1/kg)	Qualified	
6	Heavy metal	mg/kg	Leachable Lead	≤ 90	6	Qualified
			Soluble cadmium	≤ 10	0.9	Qualified
			Soluble chromium	≤ 10	0.8	Qualified
			Soluble mercury	≤ 2	Not detected (detection limit 0.003mg/kg)	Qualified
7	Vertical deformation	mm	0.6-2.5	2.0	Qualified	
8	Tensile strength	MPa	≥ 0.4	1.1	Qualified	
9	Elongation at break	%	≥ 40	113	Qualified	

CASE//

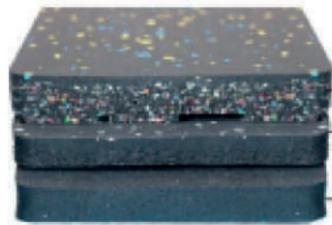


Composite Rubber Floor Tile

Product side view

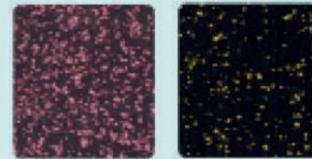


Surface layer: Thickness 1.5mm, Black+ (red,yellow,blue,green,orange) EPDM color dots. Colors can be selected or combined



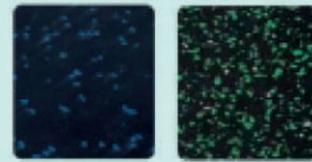
Bottom Layer: With 8~10 mesh Dyed rubber particles
 Bottom Layer: With 8~10 mesh Black rubber particles (Ordinary Type)
 Bottom Layer: With 14~16 mesh Black rubber particles (All Fine Type)

Color



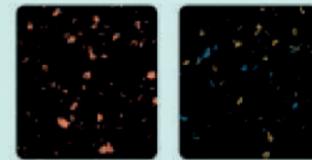
Red

Yellow



Blue

Green



orange

Blue-yellow

Parameters

Material: SBR Rubber Particles+EPDM Particles

Connection: splice type connection

Specification:500mm*500mm*thickness (15、20、25、30) mm ;

1000mm*1000mm*thickness (15、20、25、30) mm;

Application: Indoor,Gym,Family fitness area , High-end Club.

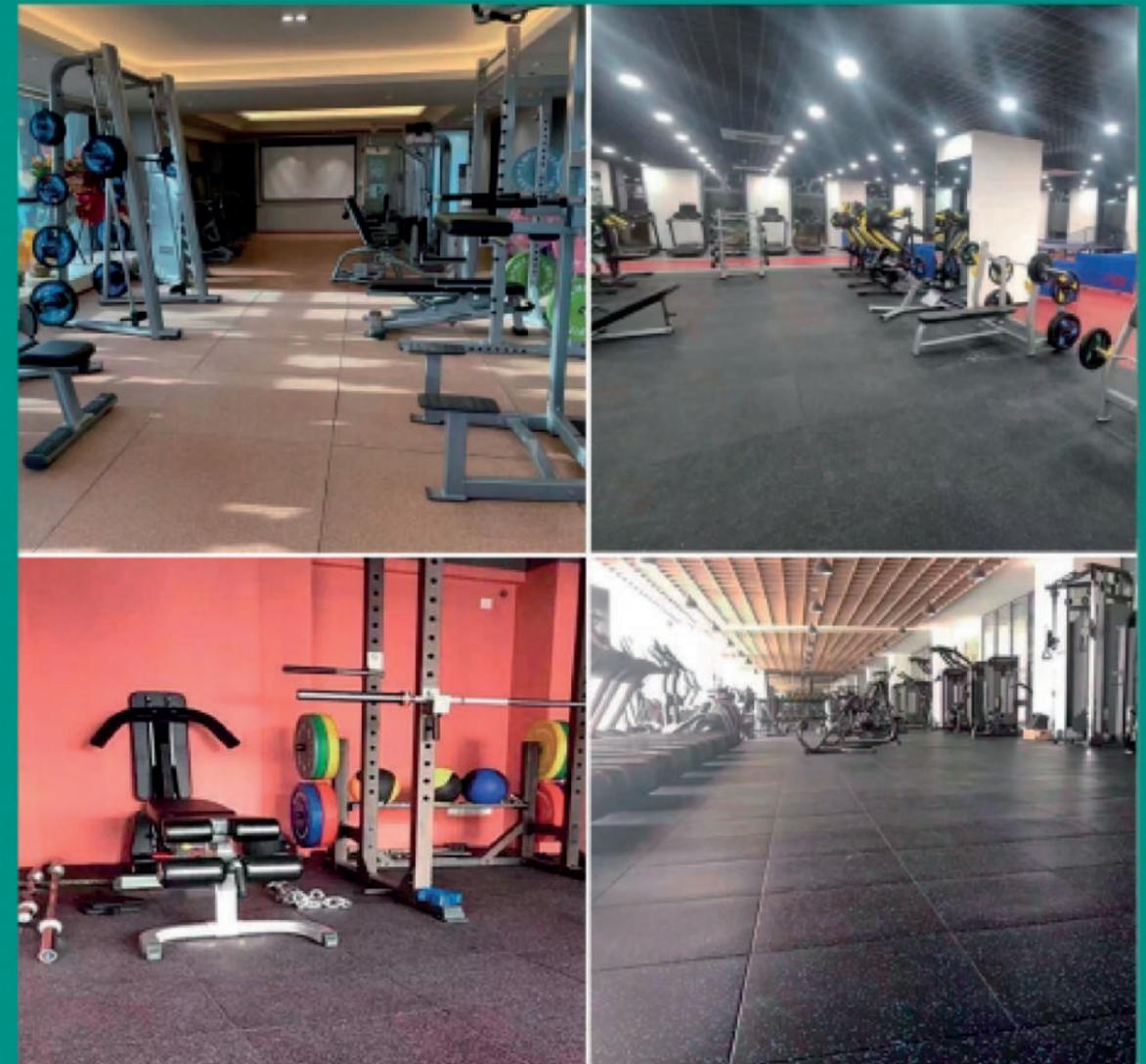
Characteristics

- 1.Pressure resistance, impact resistance, large coefficient of friction, elasticity, shock absorption and anti-slip, strong protection.
- 2.Weather resistance, high temperature resistance, UV resistance, can be used normally in the range of -40°C~100°C, can meet the needs of different places.
- 3.Good water resistance, easy surface cleaning, maintenance easy.
- 4.With excellent heat insulation, sound insulation, antistatic, flame retardant (self-extinguishing), high safety factor
- 5.Environmental protection, anti-fouling, does not breed microorganisms, no irritation to the human body.

Quality Inspection Report

Case	Inspection Item	Unit	Technical Requirements	Inspection Result	Single Item determination	
1	Anti-slip value (BPN20°C)	—	≥ 47	88	Qualified	
2	Anti-flaming	level	I	I	Qualified	
3	Benzene	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
4	Toluene and xylene sum	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
5	Free toluene diisoxylate	g/kg	≤ 0.2	Not detected (detection limit 0.1/kg)	Qualified	
6	Heavy metal	mg/kg	Leachable Lead	≤ 90	6	Qualified
			Soluble cadmium	≤ 10	0.9	Qualified
			Soluble chromium	≤ 10	0.8	Qualified
			Soluble mercury	≤ 2	Not detected (detection limit 0.003mg/kg)	Qualified
7	Vertical deformation	mm	0.6~2.5	2.0	Qualified	
8	Tensile strength	MPa	≥ 0.4	1.1	Qualified	
9	Elongation at break	%	≥ 40	113	Qualified	

CASE//

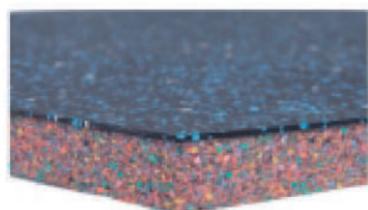


Fitted with Foam Floor

Product side view



Product surface:
1.5mm rubber particles+ EPDM color dot



Product base:
Colored foam particles

Color



Blue and white dots



green and white dots

Parameters

Connection: splice connection

Specification: 500mm*500mm*(10/15/20)mm

1000mm*1000mm*(10/15/20)mm

500mm*1000mm*(10/15/20)mm

Use: gym, yoga studio, family fitness and living room, senior apartment

Characteristics

1. Pressure resistance, impact resistance, large coefficient of friction, elasticity, shock absorption and anti-slip, strong protection.
2. Weather resistance, high temperature resistance, UV resistance, can be used normally in the range of -40°C~100°C, can meet the needs of different places.
3. Good water resistance, easy surface cleaning, maintenance easy.
4. With excellent heat insulation, sound insulation, antistatic, flame retardant (self-extinguishing), high safety factor
5. Environmental protection, anti-fouling, does not breed microorganisms, no irritation to the human body.

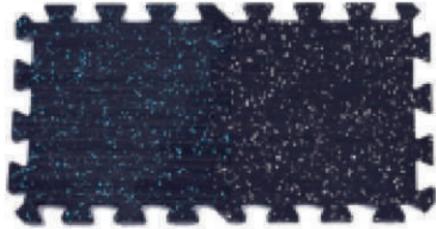
Quality inspection report

Item	Inspection Item	Inspection Result	inspection standard: inspection basis
1.	wear-resisting property(Relative volume wear consumption) / mm ³	167 (Method A, Load: 5N)	GB/T 9867-2008
2.	Tensile strength/MPa	0.8	GB 36246-2018
3.	Elongation at break/%	43	6.4 GB /T 10654-2001
4.	formaldehyde[mg/(m ² ·h)]	0.09	GB 36246-2018appendixI GB/T 18204.2-2014
5.	Anti-slip value (20°C) /BPN	82(Wet measurement)	GB 36246-2018appendixF
		52(Dry measurement)	

CASE//



Product demonstration



1.Coil lock

Material: rubber particles+ EPDM color dot
Specification: 1035mm*1035mm
Thickness: 6-10mm (optional)
Connection: splice connection, the latch fits together



2.Pure color sheet lock

Material: rubber particles
Surface: 3-5mm, 14-16 mesh colored rubber particles
Bottom: 8-10 mesh black rubber particles (ordinary)
14-16 mesh black rubber particles (dense)
Specification: 485mm*485mm, 970mm*970mm
Thickness: 15mm
Connection: splice connection, the latch fits together



3.Color film latch

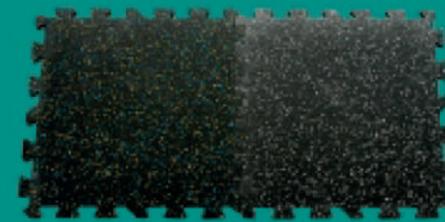
Material: rubber particles+ EPDM color dot
Surface: 3-5mm, 14-16 mesh colored rubber particles
Bottom: 8-10 mesh black rubber particles (ordinary)
14-16 mesh black rubber particles (dense)
Specification: 485mm*485mm, 970mm*970mm
Thickness: 15mm
Connection: splice connection, the latch fits together



4.Fit foam rubber lock

Surface: 1.5mm rubber particles+ EPDM color dot (blue and white dots, green and white dots)
Product base: Colored foam particles
Specification: 520mm*520mm
Thickness: 10mm, 15mm, 20mm
Connection: splice connection, the latch fits together

Product demonstration



5.Composite rubber lock

Material: rubber particles + EPDM color particle surface layer: 1.5mm thick black + (red, yellow, blue, green, orange color points)
bottom: 8-10 / 14-16 mesh rubber particles (color, black)
specification: 485mm * 485mm 970mm * 970mm 85 mm thickness: 15mm
connection: splicing connection, lock stitching

CASE//



BACORI® Rubber Coil

Product side view



The coil is formed by mixing rubber particles and EPDM particles.

EPDM dots



Parameters

Material: rubber particles+ EPDM color dot(background color: black+EPDM color dot: red, Yellow, green, blue, orange, white, purple can choose 1-3kinds of color dot combination)

Connection: splice connection

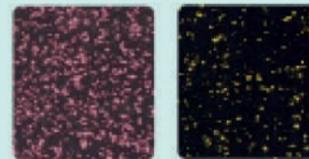
Specification: 1000mm/1250mm (width)* Any cut (length) *3mm-10mm(thickness optional)

Use: gym, stadium, martial arts hall etc.

Characteristics

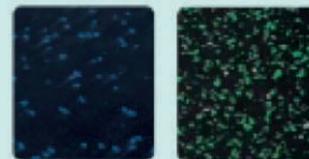
- 1.The product pressure resistance, impact resistance, friction coefficient is very elastic, shock absorption and skid prevention, strong protection performance.
2. Good weather resistance and temperature resistance, strong ultraviolet resistance, which can be used normally within the range of -40°C -100°C, and can meet the needs of different places.
- 3.No water on the surface, easy to clean and maintain.
4. Heat insulation, sound insulation, anti-static, high flame insulation, flame retardant safety factor.
5. No stimulation to human body, no pollution, mildew, no microorganisms,
6. Seamless stitching and more beautiful.

Color



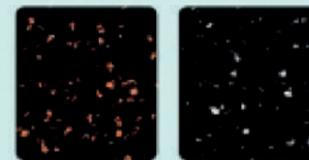
Red

Yellow



Blue

Green



Orange

white

Quality Inspection Report

Case	Inspection Item	Unit	Technical Requirements	Inspection Result	Single-item determination	
1	Anti-slip value (BPN20°C)	---	≥ 47	88	Qualified	
2	Anti-flaming	level	I	I	Qualified	
3	Benzene	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
4	Toluene and xylene sum	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
5	Free toluene diisoxylate	g/kg	≤ 0.2	Not detected (detection limit 0.1/kg)	Qualified	
6	Heavy metal	mg/kg	Leachable Lead	≤ 90	6	Qualified
			Soluble cadmium	≤ 10	0.9	Qualified
			Soluble chromium	≤ 10	0.8	Qualified
			Soluble mercury	≤ 2	Not detected (detection limit 0.003mg/kg)	Qualified
7	Vertical deformation	mm	0.6-2.5	2.0	Qualified	
8	Tensile strength	MPa	≥ 0.4	1.1	Qualified	
9	Elongation at break	%	≥ 40	113	Qualified	

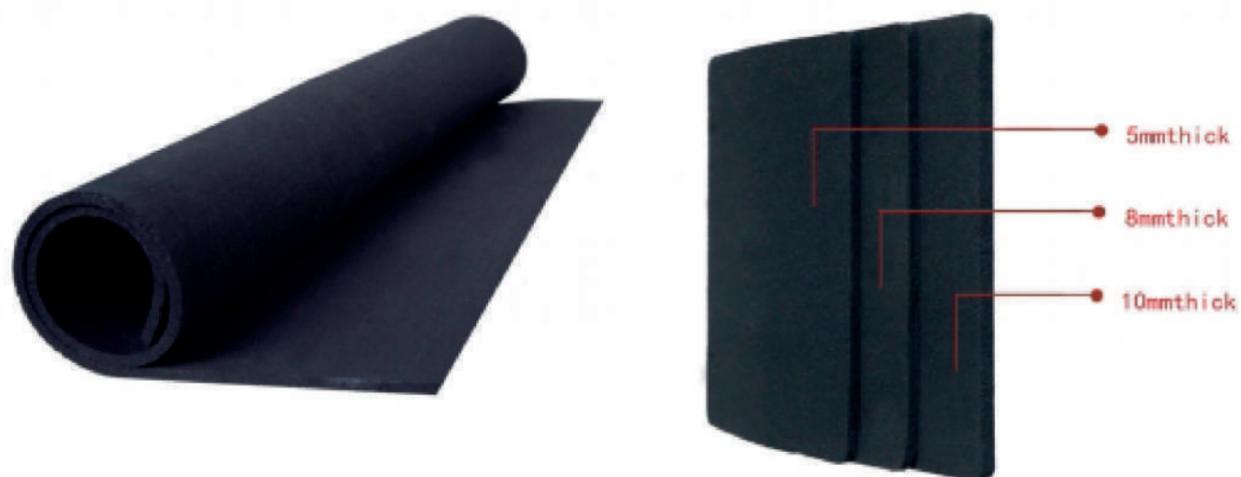
CASE//



Shock Absorbing and Soundproof Rubber Flooring

Performance: strong resilience, not easy to deform, strong pressure resistance, the best choice for shock-absorbing raw materials; the raw material is a new environmentally friendly material; excellent thermal insulation properties; strong dielectric strength, anti-static; wear resistance, Resistant to solvent corrosion; high load capacity, can be paved with concrete under the sound insulation mat; resistant to high temperature and high pressure, can be used normally within the range of -40°C--100°C, and has a long service life. The construction is convenient and fast, reducing the difficulty of traditional floor installation and improving laying efficiency.

Usage: Floating floor slabs, building floor sound insulation and decoration floor sound insulation



Specification »

PRODUCT	THICKNESS	LENGTH	WIDTH	COLOR	Air sound insulation volume
HC-700	5mm	12m	1.1m	Black	10dB
	8mm	10m	1.35m		12dB
	10mm	8m			14dB

Test report »

Thick	No.	Test item	Test result	Test basis
5mm	1.	Tensile Strength	0.6MPa	GB 36246-2018 6.4
	2.	Elongation at break	59%	
	3.	Vertical deformation	1.0mm	GB 36246-2018 Appendix E
8mm	1.	Tensile Strength	0.6MPa	GB 36246-2018 6.4
	2.	Elongation at break	62%	
	3.	Vertical deformation	1.4mm	GB 36246-2018 Appendix E
10mm	1.	Tensile Strength	0.6MPa	GB 36246-2018 6.4
	2.	Elongation at break	58%	
	3.	Vertical deformation	1.6mm	GB 36246-2018 Appendix E

Scope of application

- ◀ hotel
- ◀ Business Building
- ◀ Residential building
- ◀ Studio
- ◀ Entertainment clubs

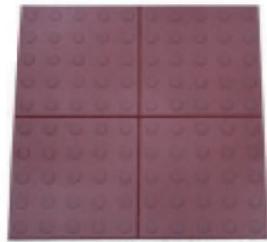


《IMPACT SOUND DETECTION REPORT》

Sound insulation table for 5mm specimen		Sound insulation table for 8mm specimen		Sound insulation table for 10mm specimen	
Frequency f/HZ	Sound insulation dB	Frequency f/HZ	Sound insulation dB	Frequency f/HZ	Sound insulation dB
100	6.3	100	8.1	100	9.8
125	10.4	125	12.8	125	15.6
160	12.1	160	14.2	160	16.0
200	9.2	200	11.3	200	11.7
250	11.7	250	14.8	250	16.1
315	8.0	315	11.3	315	12.0
400	10.4	400	11.6	400	13.0
500	10.0	500	11.6	500	13.5
630	10.1	630	13.1	630	14.2
800	8.6	800	10.6	800	12.0
1000	8.7	1000	10.8	1000	12.6
1250	8.2	1250	10.1	1250	11.7
1600	9.6	1600	11.4	1600	13.1
2000	10.4	2000	13.0	2000	15.7
2500	10.4	2500	12.5	2500	14.4
3150	11.3	3150	12.4	3150	15.7
4000	10.6	4000	13.8	4000	16.2
5000	10.3	5000	13.1	5000	15.8
Rw (C; Ctr)	10 (0; 0)	Rw (C; Ctr)	12 (0; 0)	Rw (C; Ctr)	14 (0; 0)

Shared Rubber Floor

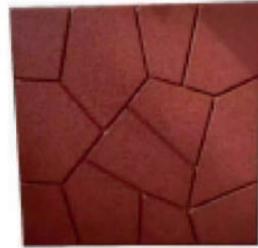
Product demonstration



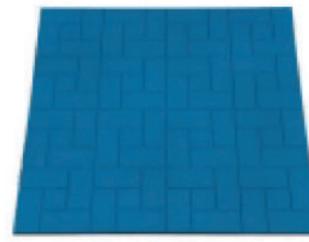
Flyover brick



Sixteen check brick



Stone brick



Quadrel

Parameters



Material: rubber particles (color: red, yellow, blue, green, gray, black)
 Connection: splice connection
 Specification: 500mm*500mm Thickness (15,20,25,30) mm
 1000mm*1000mm Thickness (15,20,25,30,40,50) mm
 Use: Square, community, outdoor flyover



Product side view
 Product surface:
 3-5mm thickness, 14-16 mesh colored rubber particles
 product base:
 8-10 mesh black rubber particles (ordinary)
 14-16 mesh black rubber particles (dense)

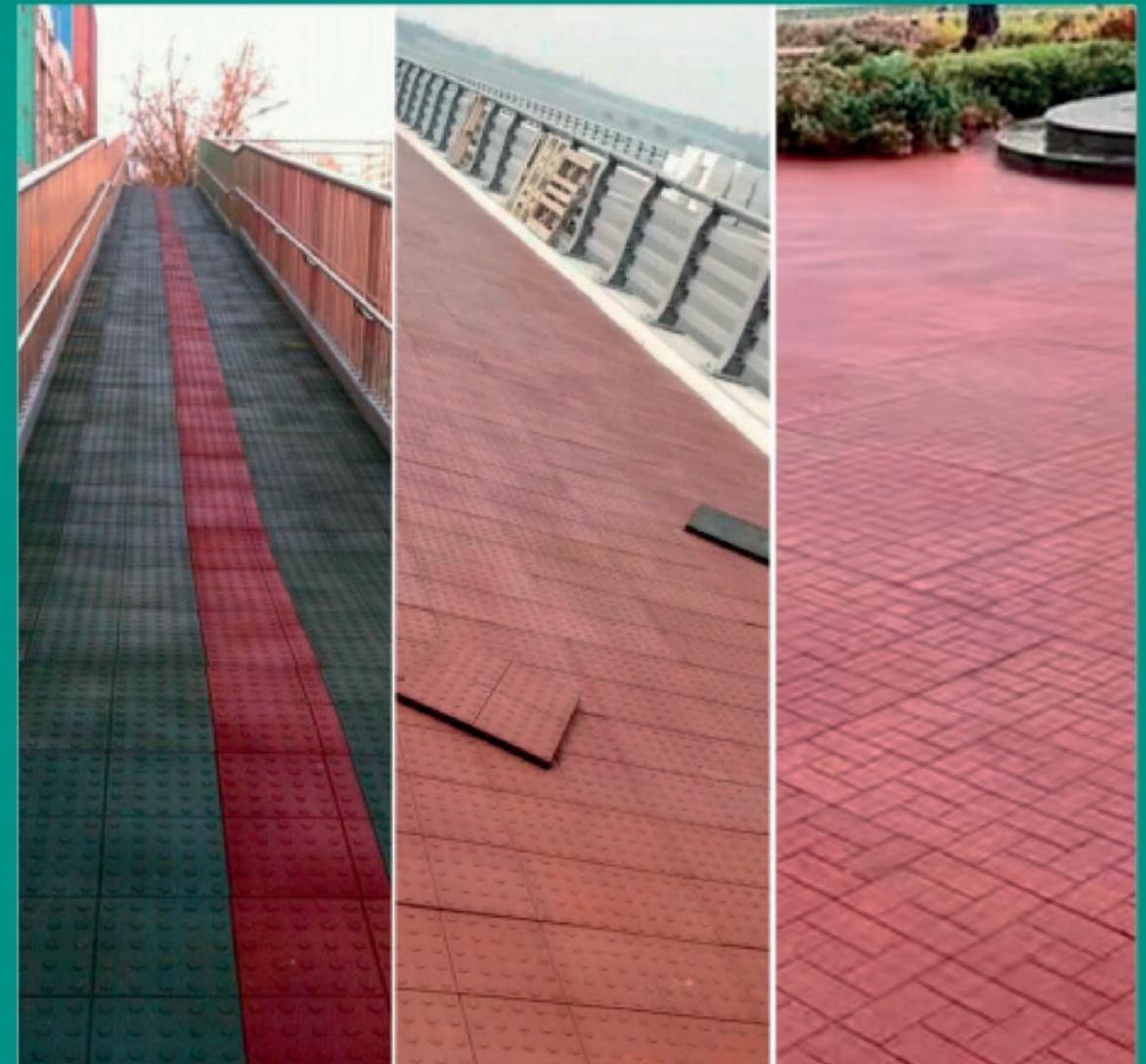
Characteristics

1. The product has compression resistance, impact resistance, large friction coefficient, elasticity, shock absorption and skid prevention, and strong protection performance.
2. Weather resistance, high temperature resistance, ultraviolet resistance, can be used normally within the range of -40°C -100°C, can meet the needs of different places.
3. Good water resistance, easy to clean the surface, good maintenance.
4. With excellent heat insulation, sound insulation, anti-static, flame retardant (self-extinguishing), high safety factor.
5. No pollution, anti-pollution, no breeding of microorganisms, no stimulation to the human body.

Quality Inspection Report

Case	Inspection Item	Unit	Technical Requirements	Inspection Result	Single-item determination	
1	Anti-slip value (BPN20°C)	—	≥ 47	88	Qualified	
2	Anti-flaming	level	I	I	Qualified	
3	Benzene	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
4	Toluene and xylene sum	g/kg	≤ 0.05	Not detected (detection limit 0.02/kg)	Qualified	
5	Free toluene diisoxylate	g/kg	≤ 0.2	Not detected (detection limit 0.1/kg)	Qualified	
6	Heavy metal	mg/kg	Leachable Lead	≤ 90	6	Qualified
			Soluble cadmium	≤ 10	0.9	Qualified
			Soluble chromium	≤ 10	0.8	Qualified
			Soluble mercury	≤ 2	Not detected (detection limit 0.003mg/kg)	Qualified
7	Vertical deformation	mm	0.6-2.5	2.0	Qualified	
8	Tensile strength	MPa	≥ 0.4	1.1	Qualified	
9	Elongation at break	%	≥ 40	113	Qualified	

CASE//



Polyurethane Rubber Sound Insulation Mat

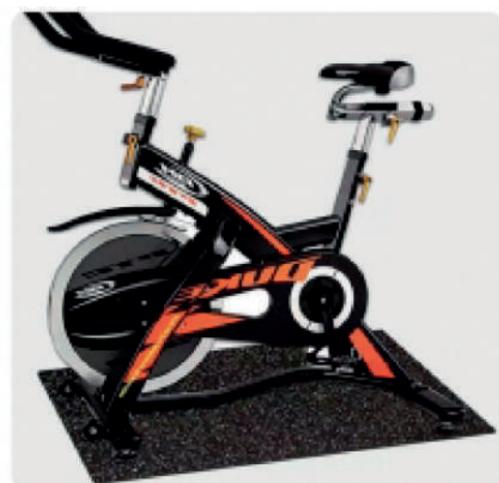
POLYURETHANE RUBBER SOUNDPROOF PAD LIFE MORE COMFORTABLE



Treadmill shock absorbing
sound insulation mat
Specification: 2*1m
Thickness: 5/6/8mm



Washing machine shock pad
Specification: 62.5*70cm
Thickness: 3/4/5/6/8 mm



Spinning mat
Specification: 1.25*0.65m
Thickness: 4/5/6 mm



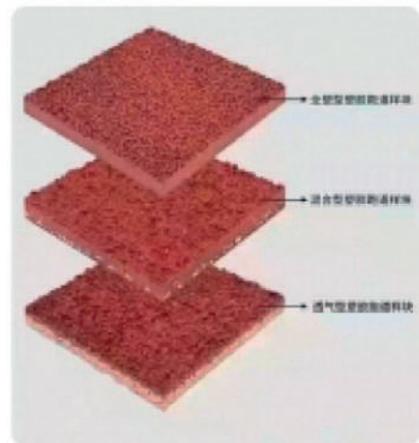
Step machine shock pad
Specification: 50*50 cm
Thickness: 1.5/2 cm

Test report »

Thick	No.	Test item	Test result	Test basis
5mm	1.	Tensile Strength	0.6MPa	GB 36246-2018 6.4 GB/T 10654-2001
	2.	Elongation at break	59%	
	3.	Vertical deformation	1.0mm	GB 36246-2018 Appendix E
8mm	1.	Tensile Strength	0.6MPa	GB 36246-2018 6.4 GB/T 10654-2001
	2.	Elongation at break	62%	
	3.	Vertical deformation	1.4mm	GB 36246-2018 Appendix E
10mm	1.	Tensile Strength	0.6MPa	GB 36246-2018 6.4 GB/T 10654-2001
	2.	Elongation at break	58%	
	3.	Vertical deformation	1.6mm	GB 36246-2018 Appendix E

《Impact Sound Detection Report》

Sound insulation table for 5mm specimen		Sound insulation table for 8mm specimen		Sound insulation table for 10mm specimen	
Frequency f/HZ	Sound insulation dB	Frequency f/HZ	Sound insulation dB	Frequency f/HZ	Sound insulation dB
100	6.3	100	8.1	100	9.8
125	10.4	125	12.8	125	15.6
160	12.1	160	14.2	160	16.0
200	9.2	200	11.3	200	11.7
250	11.7	250	14.8	250	16.1
315	8.0	315	11.3	315	12.0
400	10.4	400	11.6	400	13.0
500	10.0	500	11.6	500	13.5
630	10.1	630	13.1	630	14.2
800	8.6	800	10.6	800	12.0
1000	8.7	1000	10.8	1000	12.6
1250	8.2	1250	10.1	1250	11.7
1600	9.6	1600	11.4	1600	13.1
2000	10.4	2000	13.0	2000	15.7
2500	10.4	2500	12.5	2500	14.4
3150	11.3	3150	12.4	3150	15.7
4000	10.6	4000	13.8	4000	16.2
5000	10.3	5000	13.1	5000	15.8
Rw (C; Ctr)	10 (0; 0)	Rw (C; Ctr)	12 (0; 0)	Rw (C; Ctr)	14 (0; 0)



Rubber surface track has quickly become internationally recognized as the best all-weather outdoor sports ground floor material due to its good flatness and high compressive strength, which can effectively improve sports performance and reduce the rate of falls.

The rubber coil for synthetic surface track by our company is an unparalleled cost-effective. Environmentally friendly and safe product quality, time-saving and labor-saving installation advantages lead the innovation of runways.

Construction Process



- ①Clean the foundation --②Roll coating glue --③Laying the roll --④Cutting and trimming
- 5.Natural conservation (12h) --⑥Spray 2 times on the surface --7. line drawing

EPDM rubber ground

EPDM rubber ground

EPDM rubber ground is mainly composed of colored EPDM particles and special polyurethane glue, it is currently a common elastic floor material in China and all over the world. EPDM plastic surface sports ground has bright colors, stable structure, and can be used all-weather. EPDM plastic surface sports ground are also recognized as high-quality sports venues. They are generally respected by people in the sports and education circles and can play a role in athletes and children with good buffering and protection.

Suitable for venue

School playgrounds, training tracks, kindergartens, greenway parks, residential areas, etc.

