

# ULTROTECH

Gym Series Flooring

Available from

## ULTRON WA

Commercial Fitness Equipment

☎ 0416 567 265

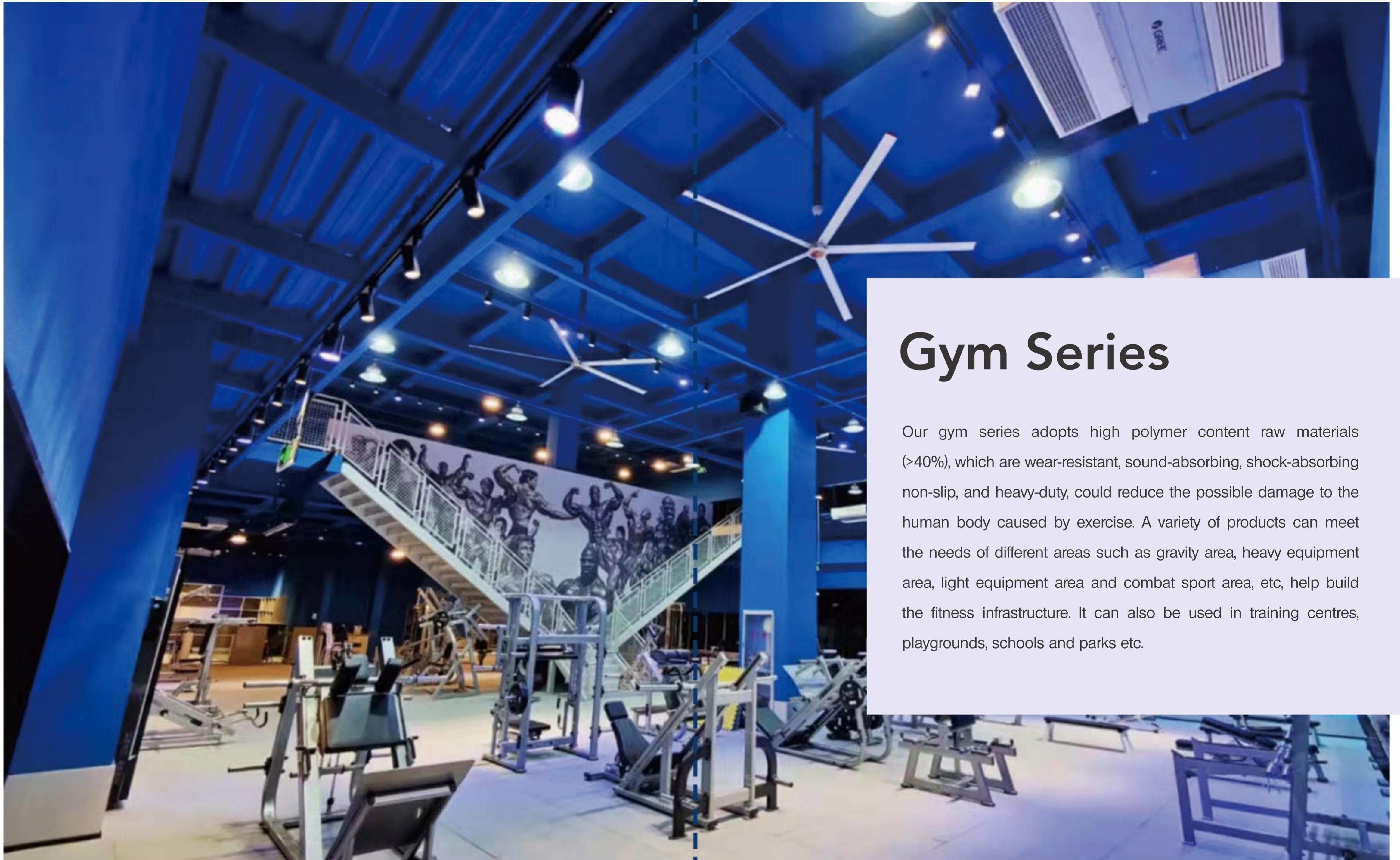
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🌐 [ultronwa.com.au](http://ultronwa.com.au)  



# ULTROTECH

Gym Series Flooring



## Gym Series

Our gym series adopts high polymer content raw materials (>40%), which are wear-resistant, sound-absorbing, shock-absorbing non-slip, and heavy-duty, could reduce the possible damage to the human body caused by exercise. A variety of products can meet the needs of different areas such as gravity area, heavy equipment area, light equipment area and combat sport area, etc, help build the fitness infrastructure. It can also be used in training centres, playgrounds, schools and parks etc.

# Gym Series

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## >40% Good Sports Performance

Impact absorption > 40%, better than GB 36246-2018 "Primary and Secondary School Synthetic Material Surface Layer Sports Venues" stipulated in the > 25%, high elasticity and impact absorption performance, to ensure sports strength and safety.



## Environmental Safety

Passed the REACH regulations and other tests or standards, no pollutants, non-toxic and harmless, will not affect the user's health.



## Sound Insulation and Vibration Reduction

Sound insulation is achieved through vibration absorption to create a comfortable sports environment.

## 20+ Color Customization

The basic masterbatches are free to match, hundreds of colours to choose from, and support colour customisation.



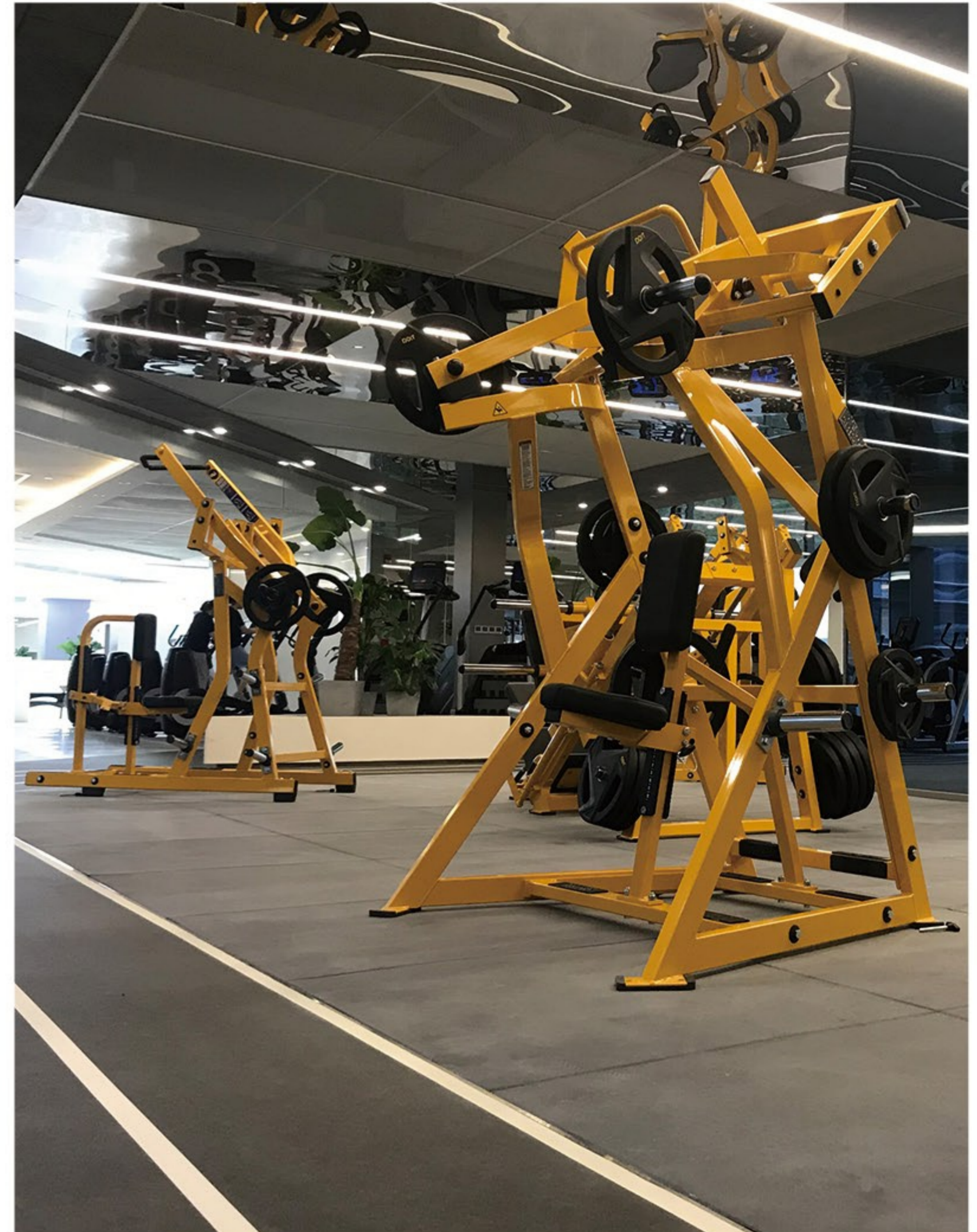
## Fire Retardant

Fire Rating - AS ISO 9239.1-2003(R2016)



## Slip Rated

Slip Rating- AS 4586-2013



# Gym Series Rubber Tiles

## Product Process



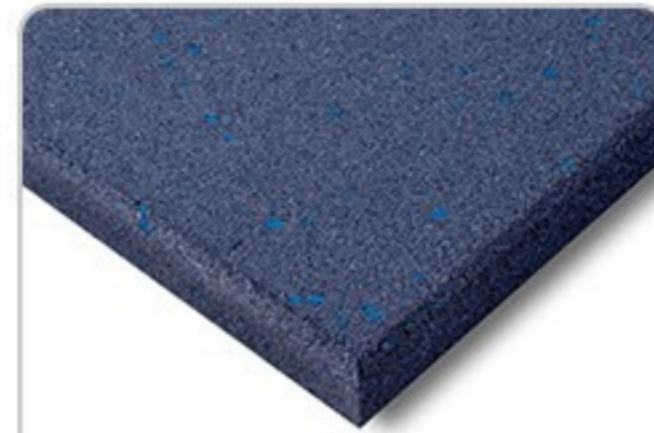
### Composited rubber tiles

composed of "wear-resistant surface layer of rubber roll + bottom layer of floor tile". The surface layer is impermeable, smooth and flat, more convenient to take care of, and suitable for indoor scenes.



### General molded rubber tiles

made of molding, stable structure, has a certain of water permeability, and can be used outdoors as usual.



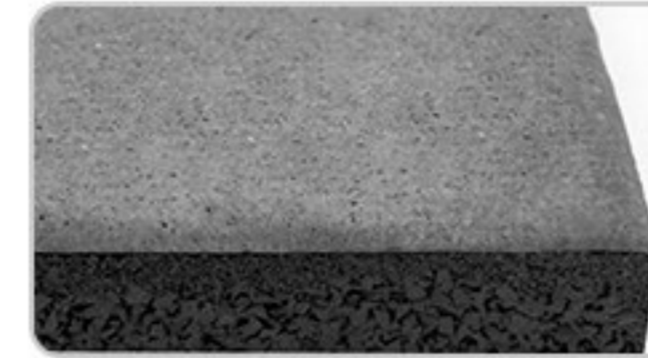
### All fine granules rubber tiles

better softness, higher resilience, and better safety performance, especially recommended for use in gym weight-lifting areas.

## Parameter

Testing Items	Test Method	Measurement Unit	Stand Value	Detection Result
Safety Critical Fall Height Test	EN177	m		1.8m
Density	DIN ENISO 1183-1	g/cm <sup>3</sup>		1.075-1.500
Hardness	DIN ENISO 5505:2000	Shore A		59
Tensile Strength	DIN 53504: 2009	MPa		1.10-1.98
Elongation At Break	DIN 53504: 2009	%		151-223
Bending Resistance	HG/3747.1-2017	Φ20mm	no cracks	no cracks
Residual Depression	HG/3747.1-2017	Mm	≤0.25	0.05
Reduce Impact Noise	GB/T50121	dB	< 65	61-63
Soluble lead content	GB 18586-2001	mg/m <sup>2</sup>	≤20	0.93
Soluble cadmium content	GB 18586-2001	mg/m <sup>2</sup>	≤20	ND
Heavy Metal Detection	EN71-3	mg/kg		ND
Volatile content	GB 18586-2001	g/m <sup>2</sup>	≤50	9.4

## Surface Design



### Chamfer design

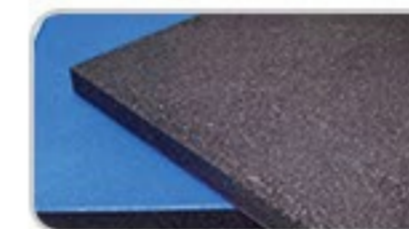
The surface layer has good stability and is not easy to be damaged by kicking.



### Right-angle design

Thicker surface layer, better wear resistance; seamless splicing, better overall aesthetics.

## Paving Process



### Regular paving

Our own environmental - friendly MDI formaldehyde - free glue is applied for flat bottom well - shaped bottom mats, which are environmentally friendly and harmless, and have high firmness, meeting the paving needs of various scenes.



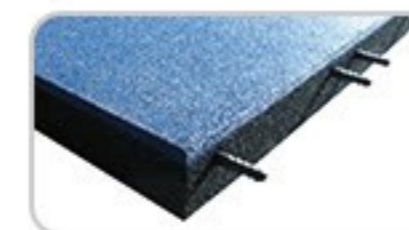
### Interlocking mats

developed on the basis of general floor mats, easier for installation, less cost of glue use, and can be recycled. (recommended thickness ≤2cm)



### Buckled-type floor mats

The seamless splicing of the hidden buckle at the bottom is simple, beautiful and tidy; no glue is needed, recycling to use, more environmentally friendly. (recommended thickness ≥2.5cm)



### Intubation fixation rubber mats

The intubation is fixed on the side of the floor mat, no glue is required for paving, environmentally friendly, convenient, flat and firm.

# Gym Series Rubber Tiles



Molded interlocking tile  
T-GML-R

Material  
All black SBR granules

Specifications  
500x500x10/15/20/25mm



Molded interlocking tile  
T-GML-R10

Material  
Black SBR + 10% color EPDM

Specifications  
500x500x10/15/20/25mm



EPDM rubber tile  
T-PG-EBS

Material  
Surface layer: EPDM color granules  
Bottom layer: black SBR granules

Specifications  
500x500x10 (10-100mm)  
1000x1000x10 (10-50mm)



Molded interlocking rubber tile  
T-GML-R100

Material  
EPDM surface layer

Specifications  
500x500x20/25mm

# Gym Series Rubber Tiles



**All fine granules rubber tile**

It has better performance in softness, resilience, and safety, and can be used in weightlifting areas to protect equipment and the ground, and reduce sports injuries.



All fine granules black rubber tile  
T-GM-F

Material  
All fine black granules

Specifications  
500x500x15 (15-50mm)  
600x600x20 (20-50mm)  
1000x1000x15 (15-50mm)



All fine granules black rubber tile

Material  
All fine black granules

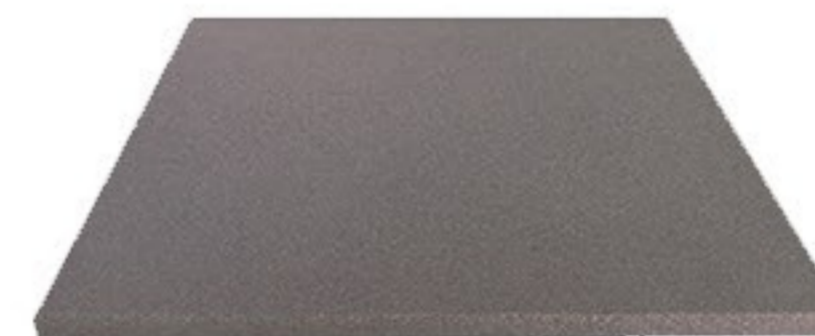
Specifications  
1000x500x25/30mm  
1220x1830x12/15/20mm



All fine black interlocking tile

Material  
All fine black granules

Specifications  
1000x1000x15/20/25/30mm



All fine all dyed granules rubber tile  
T-GM-FD

Material  
All fine dyed granules

Specifications  
600x600x15mm



All fine all dyed granules rubber tile  
T-GM-F

Material  
All fine dyed granules

Specifications  
1000x1000x15/30mm

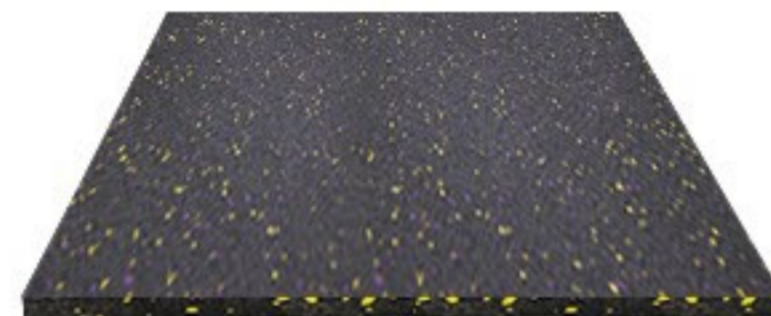
# Gym Series Rubber Tiles



Color dots all fine granules rubber tile  
T-GM-F

**Material**  
All fine granules, surface layer with color dots

**Specifications**  
600x600x25mm



Color dots all fine granules rubber tile  
T-GM-F10

**Material**  
All fine black SBR granules + 10% EPDM color granules

**Specifications**  
500x500mm / 1000x1000mm  
15/20/25/30/40/50mm(Thickness)



Other specs all fine black granules  
with color dots rubber tile

**Specifications**  
1000x500mmx25/30mm



Color dots all fine granules interlocking  
rubber tile

**Material**  
All fine black SBR granules + 10% EPDM color granules

**Specifications**  
1000x1000x15/20/25/30mm

## Composited rubber tile



Composited rubber tile (Buckle type)

**Material**  
Surface layer: black rubber roll  
Bottom layer: black SBR granules

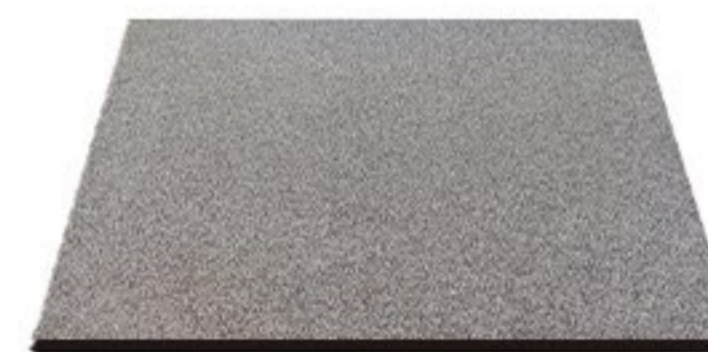
**Specifications**  
610x610x20mm



Composited rubber tile  
T-GM-C100

**Material**  
Surface layer: all EPDM rubber roll  
Bottom layer: black SBR granules

**Specifications**  
500x500x15mm (15-50mm)  
1000x1000x15mm(15-50mm)



All colorful EPDM right-angle  
composited rubber tile  
T-GM-C100

**Material**  
Surface layer: all color EPDM rubber roll  
Bottom layer: black SBR granules

**Specifications**  
610x610x20mm  
1000x1000x15/20/25/30mm(Surface layer3mm)



Colorful rubber roll composited  
interlocking rubber tile

**Material**  
Surface layer: all color EPDM rubber roll  
Bottom layer: black SBR granules

**Specifications**  
1000x1000x15/20/25/30mm

# Gym Series Rubber Tiles



Roll composited rubber tile  
T-GM-C15

**Material**  
Surface layer: 15% EPDM color dots rubber roll  
Bottom layer: black SBR granules

**Specifications**  
500x500x15mm(15-100mm)  
1000x1000x15mm(15-50mm)



Roll composited rubber tile  
T-GM-C50

**Material**  
Surface layer: 50% EPDM color dots rubber roll  
Bottom layer: black SBR granules

**Specifications**  
500x500x15/20/25/30mm  
1000x1000x15/20/25/30mm



Roll composited rubber tile  
T-GM-C70

**Material**  
Surface layer: 70% EPDM color dots rubber roll  
Bottom layer: black SBR granules

**Specifications**  
500x500x15/20/25/30mm  
1000x1000x15/20/25/30mm



Right-angle composited rubber tile  
T-GM-C80

**Material**  
Surface layer: 80% EPDM color dots rubber roll  
Bottom layer: black SBR granules

**Specifications**  
1000x1000x30mm (Surface layer4mm)



Roll composited interlocking rubber tile  
T-GM-C15/20

**Material**  
Surface layer: 15% EPDM color dots rubber roll  
Bottom layer: black SBR granules

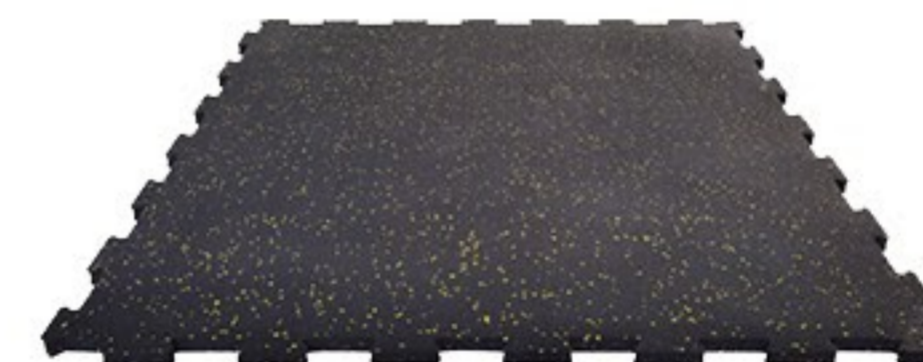
**Specifications**  
900x900x15mm  
1000x1000x15/20/25/30mm



Composited interlocking tile  
(bottom foam)  
T-GM-C10

**Material**  
Surface layer: 10% EPDM color dots rubber roll  
Bottom layer: foam

**Specifications**  
500x500x20/25/30mm (Surface layer3mm)



Composited interlocking tile  
(bottom foam)  
T-GM-C10

**Material**  
Surface layer: 15% EPDM color dots rubber roll  
Bottom layer: foam

**Specifications**  
900x900x15mm (Surface layer4mm)



Composited interlocking tile  
(bottom foam)  
T-GM-C10

**Material**  
Surface layer: 15% EPDM color dots rubber roll  
Bottom layer: foam

**Specifications**  
500x500x15mm (Surface layer3mm)



# Gym Series Rubber Tiles



Composited interlocking tile  
(bottom foam)  
T-GM-C80

Material  
Surface layer: 80% EPDM color dots rubber roll  
Bottom layer: foam

Specifications  
500x500x15mm (Surface layer 4mm)



All black rubber tile  
(middle size granules)  
T-GM-F

Specifications  
500x500x26.5mm



All coarse granules rubber tile  
T-GM-F

Specifications  
1220x1830x12/15/20mm



All black rubber tile  
(all coarse granules)  
T-GM-F

Specifications  
1000x1000x45mm



All coarse granules rubber tile

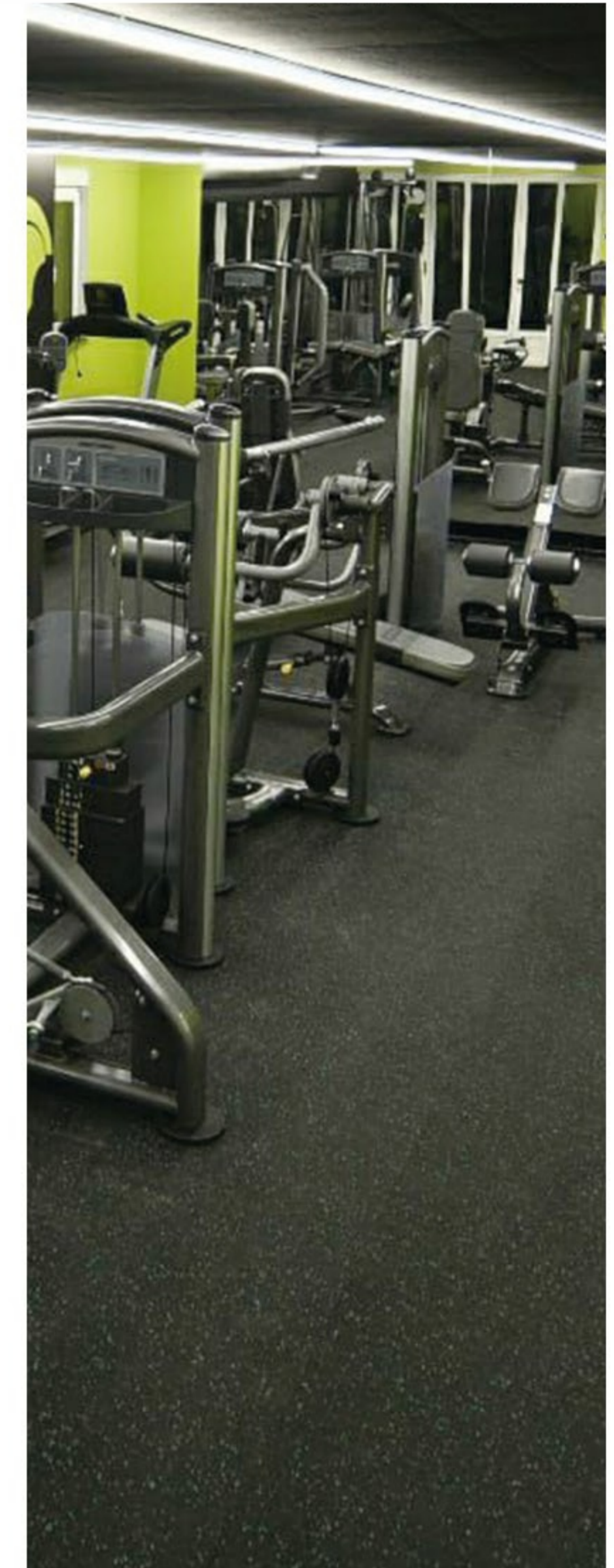
Specifications  
1220x1830x12/15/20mm



Right-angle top fine granules bottom  
big granules rubber tile

Material  
SBR granules

Specifications  
915x915x19mm



# Gym Series Rubber Tiles



## Weightlifting platform

Material  
SBR/EPDM + low carbon steel pipe

steel pipe specification  
30x30x2mm 50x50x2mm

Specifications (can be customized)  
1500x1500x30/50mm  
2000x2000x30/50mm

It is used for the division and use of strength zones in the gym, could cushion the impact of dumbbells and weightlifting equipment on the ground effectively.

## Rubber tile edgings



### All fine and dyed granules edgings

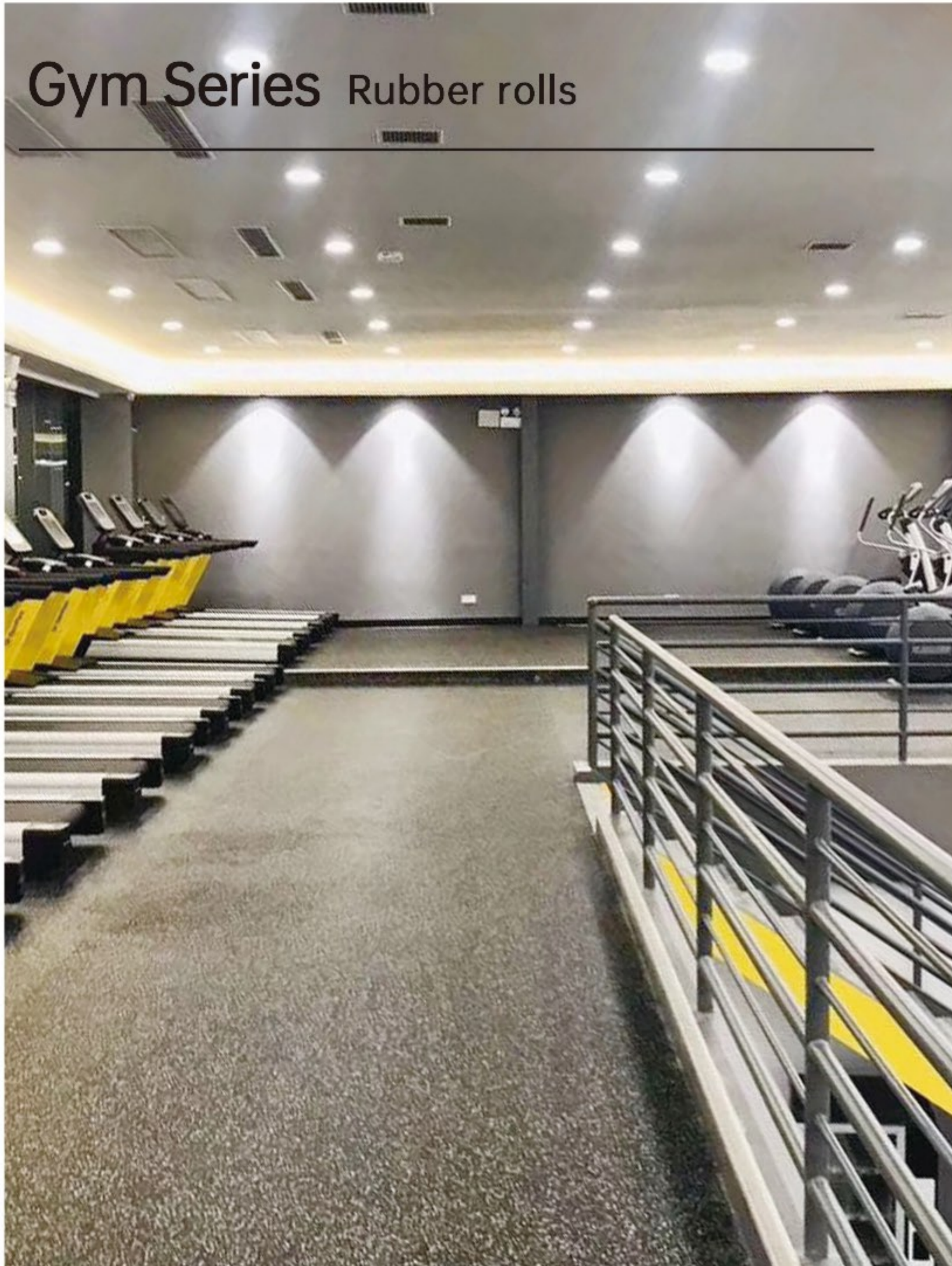
Specifications  
500x110x50mm  
1000x100x20/25mm



### Black SBR all fine granules edgings

Specifications  
1000x100x20/25/50mm

## Gym Series Rubber rolls



Anti-slip and shock absorption, anti-static, non-reflective, good weather resistance and aging resistance, superior sound insulation performance compared to PVC, more comfortable foot feel, ensuring sports safety, and protecting equipment and the ground. Integrated laying, high integrity, more beautiful. Various colors, and the colors, patterns and shapes can be customized to meet individual needs.

### Parameter

Testing Items	Test Method	Measurement Unit	Stand Value	Detection Result
Density	DIN ENISO 1183-1	g/cm <sup>3</sup>		1.075-1.500
Hardness	DIN ENISO 5505:2000	Shore A		59-63
Tensile Strength	DIN 53504: 2009	MPa		0.65-2.16
Elongation At Break	DIN 53504: 2009	%		76-35.3
Bending Resistance	HG/3747.1-2017	Φ20mm	No cracks	No cracks
Residual Depression	HG/3747.1-2017	Mm	≤0.25	0.05
Reduce Impact Noise	GB/T50121	dB	<65	61-63
Soluble lead content	GB 18586-2001	mg/m <sup>2</sup>	≤20	0.93
Soluble cadmium content	GB 18586-2001	mg/m <sup>2</sup>	≤20	ND
Volatile content	GB 18586-2001	g/m <sup>2</sup>	≤50	

# Gym Series Rubber rolls



Regular specifications of rubber roll

Length	Width	Thickness
5-30m	1-1.25m	3-12mm



General specifications of interlocking type

Specifications
500x500x(3-12)mm
600x600x(3-12) mm
1000x1000x(3-12)mm

Recommended Thickness:  $\geq 6$ mm



All black rubber roll  
B-09

Material  
All black SBR granules



Interlocking mat  
B-04

Material  
Black SBR granules



Mix colors rubber roll  
B-06

Material  
Mix EPDM color granules



Pure color rubber roll  
B-05

Material  
Single color EPDM granules

Width 1m, Width customization is not supported



Color dots rubber roll  
B-08

Material  
Black SBR granules + 10% EPDM color dots



Color dots rubber roll  
B-10

Material  
Black SBR granules + 20% EPDM color dots

# Gym Series Rubber rolls



**Color dots rubber roll B-11**

Material  
black SBR granules + 50% EPDM color dots



**Color dots rubber roll B-07**

Material  
Black SBR granules + 70% EPDM color dots



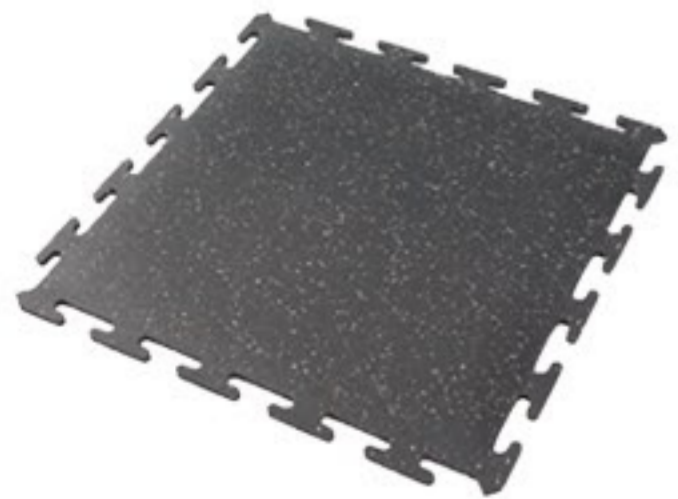
**Color dots rubber roll B-21**

Material  
EPDM+SBR



**Interlocking mat B-06**

Material  
Black SBR granules + 10% EPDM color dots



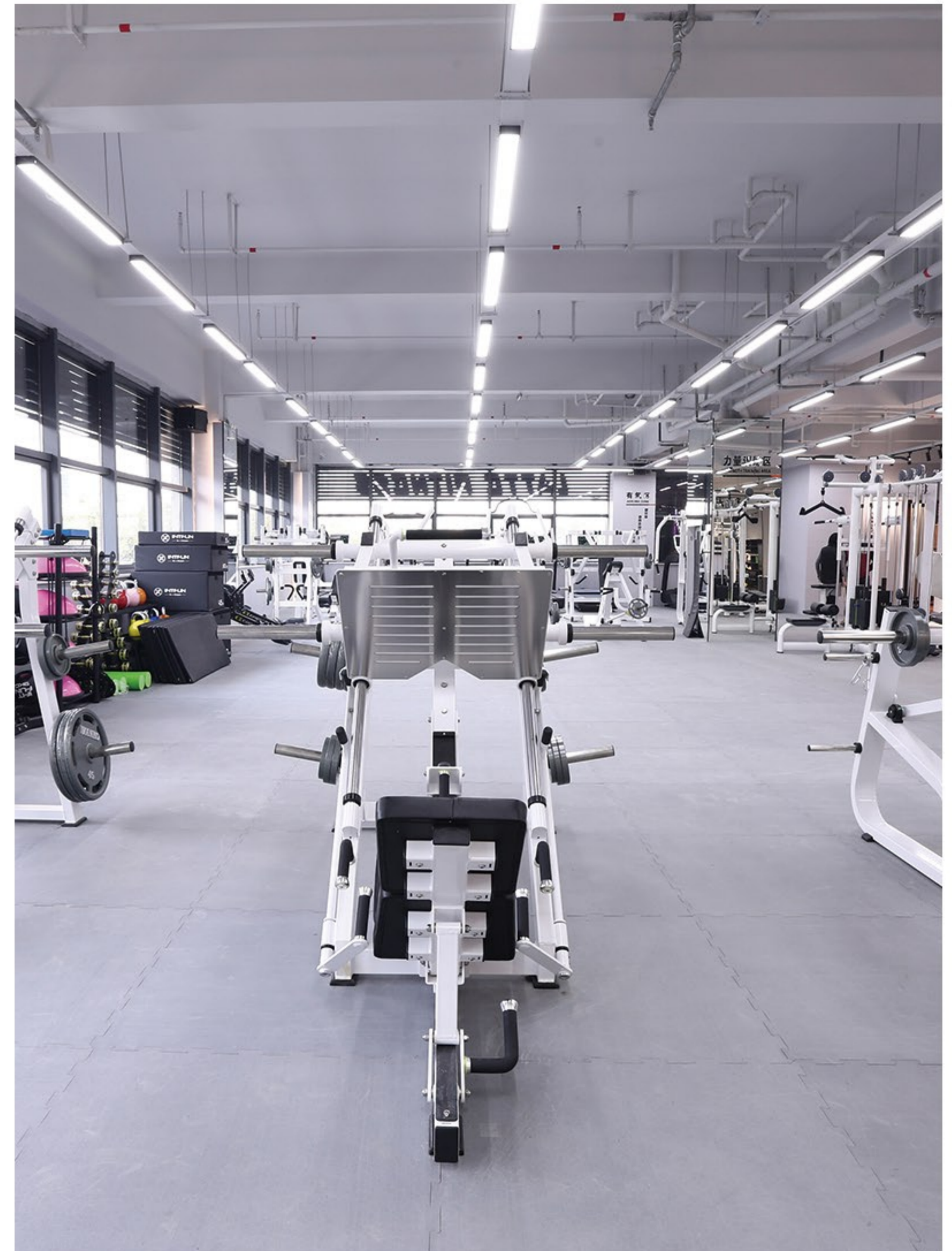
**Interlocking mat B-01**

Material  
Black SBR granules + 20% EPDM color dots

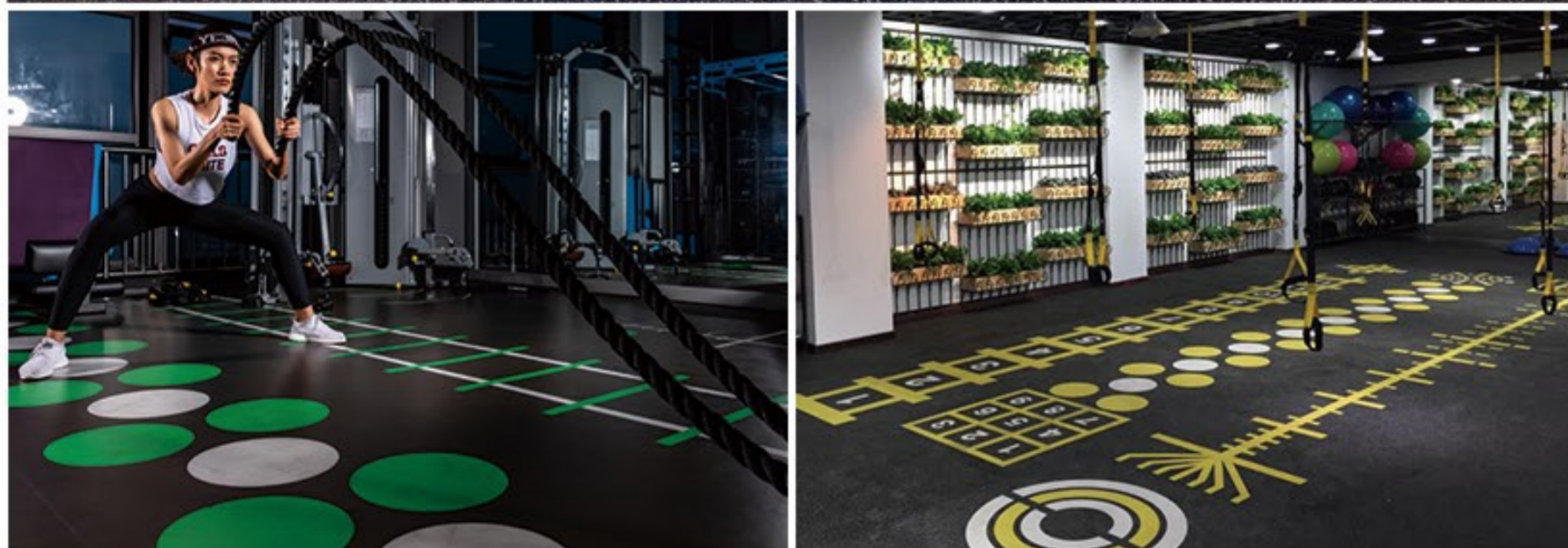


**Interlocking mat B-02**

Material  
Black SBR granules + 70% EPDM color dots



## Gym Series More services



### 360 multi functional UV printing

According to the actual site planning and needs, various sports patterns can be customized and designed to create multi-functional training areas, private teaching areas, group course areas, etc.



### Color customized


According to user needs, scene characteristics, brand characteristics, etc, the colors could be customized and debugged, suitable for personalized exhibition halls, expos, gyms and other places, to create a comfortable, safe, environmental friendly and beautiful environment.

# Gym Series More services



**High density Rubber roll**

All black rubber roll, all black + 10% color dots rubber roll and other products support encrypted design, the high performance supports the use in high-strength and high-wear areas.



**Double layer composited rubber roll**

Generally, it is "surface layer EPDM rubber roll + bottom layer SBR rubber roll", the total thickness is recommended to be  $\leq 1.5\text{cm}$ . In addition, the roll material also supports the compounding of PVC surface layers, etc., and the usage scenarios are more diverse.



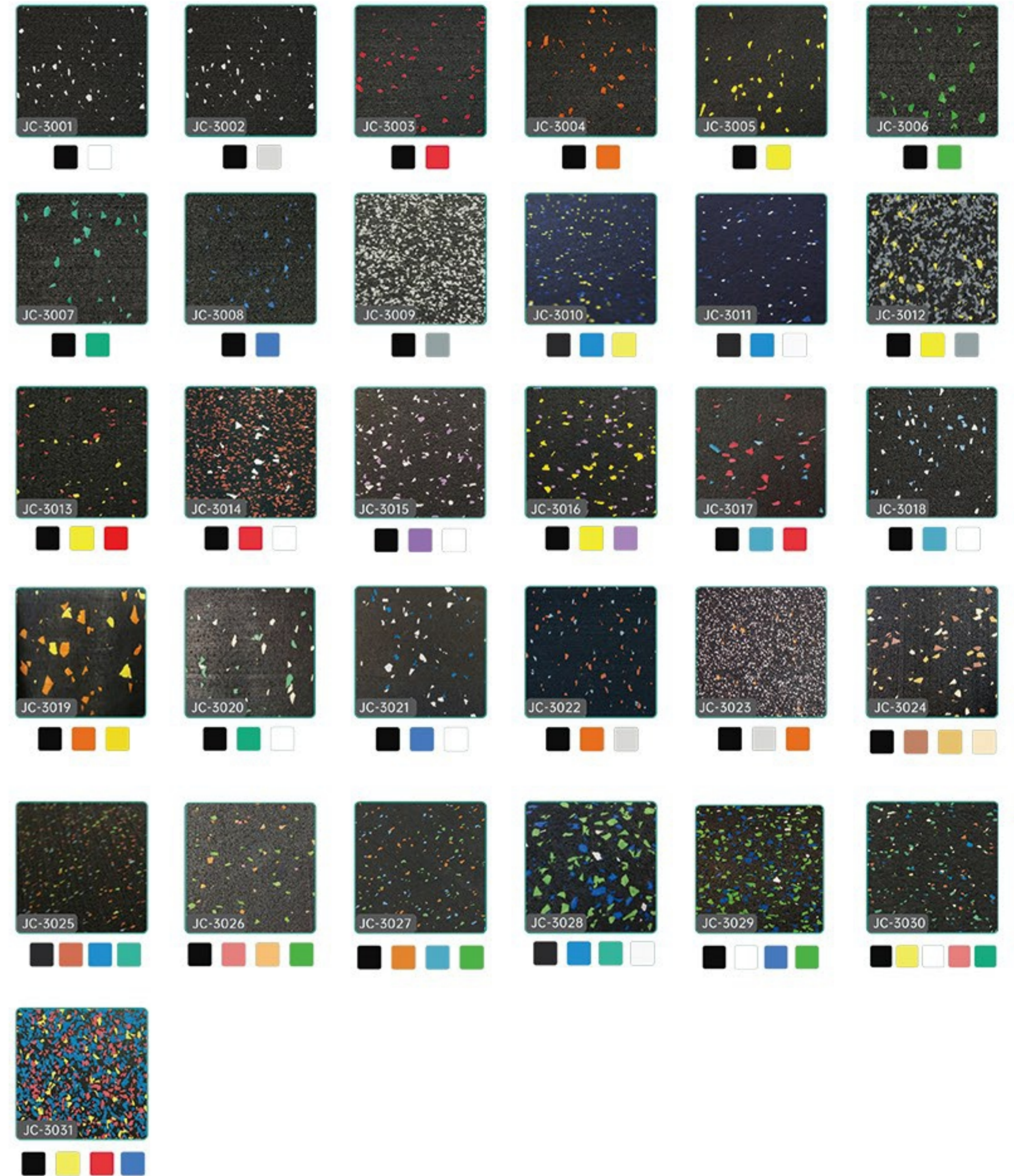
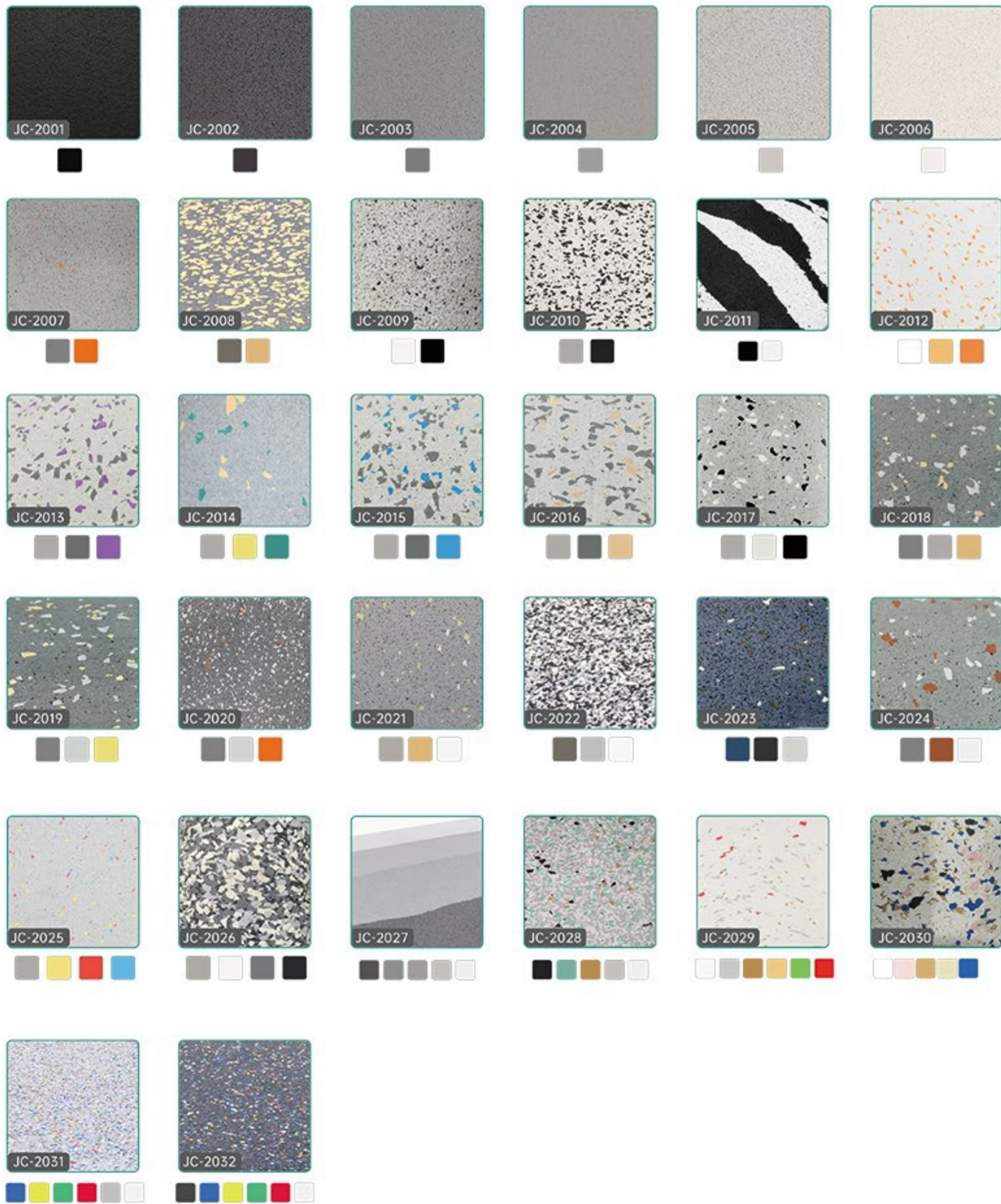
PVC surface layer composited rubber roll  
(wood color)

Size  
900x900mm

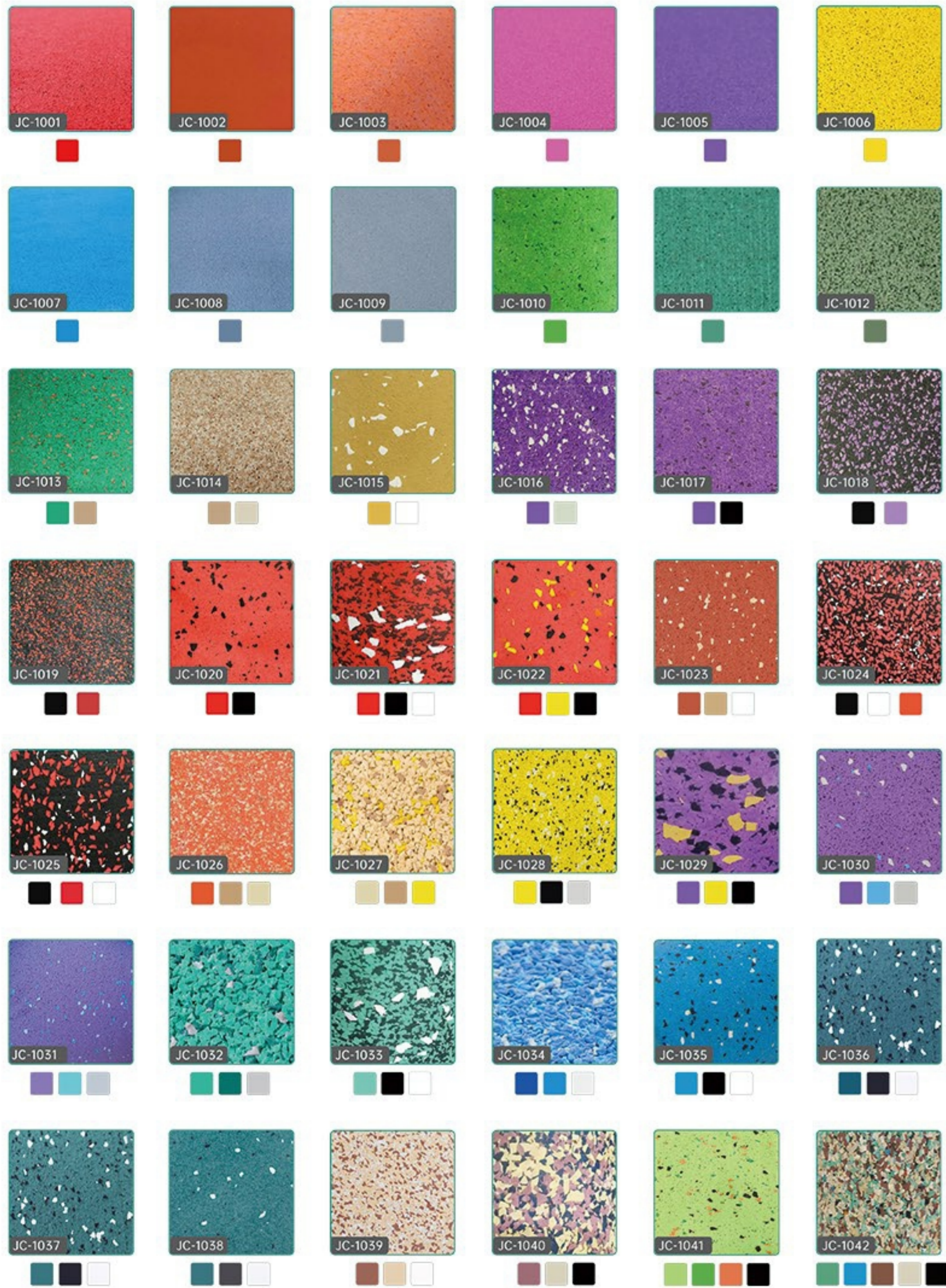
Thickness  
7mm (PVC surface 3mm + rubber roll 4mm)

Application  
Basketball courts, Pilates halls, etc.

# Gym Series Color card







## Certificates



IAAF Certification Enterprise



FIBA Certification Enterprise



FDA Food Grade Contact Certification



Swiss General (SGS) Certification



EU REACH Testing



Italian ECM Certification



International BSCI Factory Inspection Certification



EU Children's Toy Testing and Certification



CNAS National Quality Accreditation



Member Unit of Chinese Athletics Association



Member Unit of China Sporting Goods Industry Federation



CIEC After-sales Service Certification



ISO Management 3-System Certification



Environmental Management System Certification



State Administration of Work Safety Certification



Enterprise credit AAA level certification



GB36246—2018

New national standard testing



China metrology certification

## Cooperated brands

GOON

SEIKO  
SINCE 1881

JOYFUL  
HONDA



JamesHardie



GERBER GROUP



中国中铁



DIOR



绿城集团  
GREENTOWN



让建筑赞美生命



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