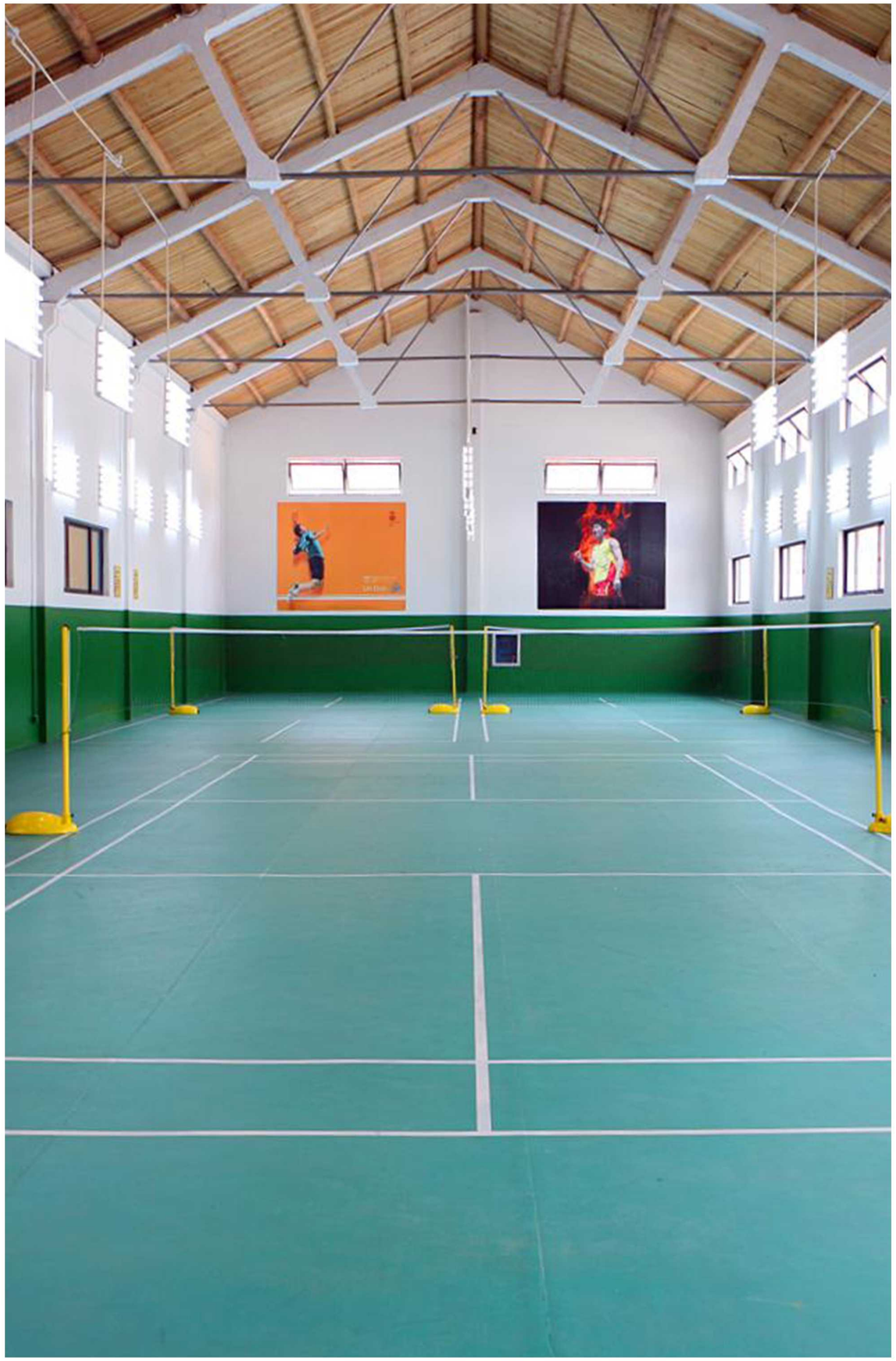
CATALOGUE 2022

SPORTS FLOORING

REFINE UNION

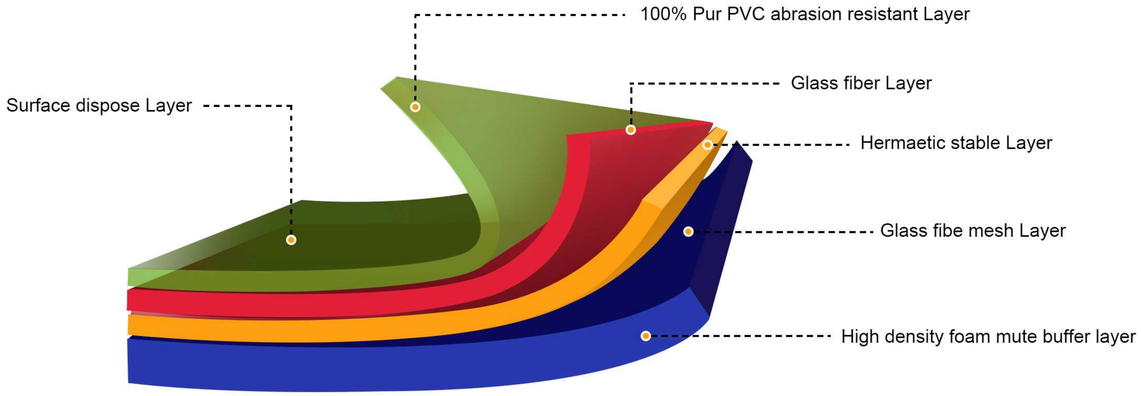


Sports Flooring

INTRODUCTION

One of our typical flooring rolls is called sports flooring,applied in sports court,for basketball, badminton,table tennis,volleyball,futsal and so on. Due to the roll charater,this kind of flooring is easy to lay and maintain. We have wooden design and solid color,and the surface can be embossed as lichi,leather,sand,etc. Shockabsorption,ball rebound,slip resistance and anti-bacterial will help to build best gym for you.

PRODUCT STRUCTURE



APPLICABLE PLACE

Standard sports arena(table tennis courts,volley-ball courts,badminton courts,basketball court,gymnasium,school),kindergarten,exhibition space,social welfare facilities.

UNION FLOOR

PRODUCT SPECIFICATIONS

TECHNICAL DATA							
	Standard	Unit	BasketBall	Tennis	Badminton	Pingpong	Volleyball
Description							
Roll Length	- -	m	20	20	15	20	20
Roll Width	- -	m	1.8	1.8	1.8/1.42	1.8	1.8
Total Thickness	- -	mm	4.5	4.5	4.0/4.5	4.0/4.5	4.5
Thickness Of Wear Layer	- -	mm	0.7	1.4	1.4/1.2	1.4	1.4
Weight	- -	g/m²	3600	3400	3200/3400	3200/3400	3400
Sport Characterisrtics							
Hardness	- -	HD	120	115	115	115	115
Rebound Values	- -	%	9	8	8	8	8
Shock Absorption	DIN 18032	%	≥28	≥28	≥28	≥28	≥28
Friction Coefficient	DIN18032	- -	0.45	0.45	0.45-0.65	0.45-0.65	0.45
Ball Bounce	DIN18032	%	≥97	≥97	≥97	≥97	≥97
Technical Characterisrtics							
Indentation Resistance	EN 1516	mm	≤0.6	≤0.6	≤0.6	≤0.6	≤0.6
Abrasion Resistance	ENISO 5470-1	mg	≤300	≤300	≤300	≤300	≤300
Impact Resistance	DIN 18032	N/M	≥8	≥8	≥8	≥8	≥8
Sound Insulation	ENISO 717-2	dB	19	19	19	19	19
Surface Treatment	resistance to staining		UV treatment,easy to maintain and care				
Chemical Detection							
Volatile Content	≤35	g/m²	5.28	5.26	5.26	5.26	5.26
Vinyl Chloride Monomer	≤5	mg/kg	0.43	0.43	0.43	0.43	0.43
Soluble Pb Limit	≤20	mg/m²	0.526	0.526	0.526	0.526	0.526

PRODUCT FEATURE

- The products have good performance in abrasive resistant,self-clean,enviroment protect.
- Fire resistant and mute noise.
- The products behave good in resist impact,anti-skidding and shock absorbtion, which can effectively ensure the security of athlete.
- The products can restrain the exist of mould,form-stable, anti-cracking andlow in swell ratio.
- The products are soft and comfortable,high resilience,which can effectively absorb impact.

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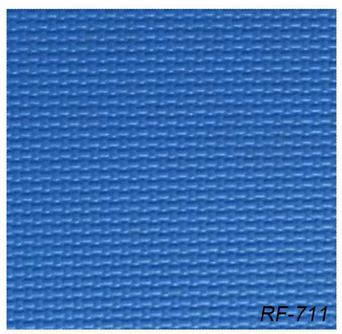
PRODUCT DESIGN AND COLOR

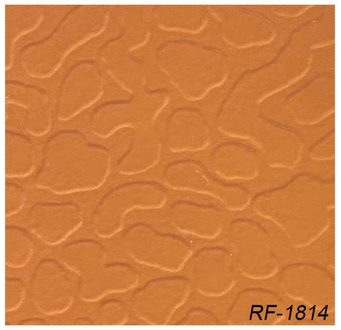
01 Grid Pattern Sports roll

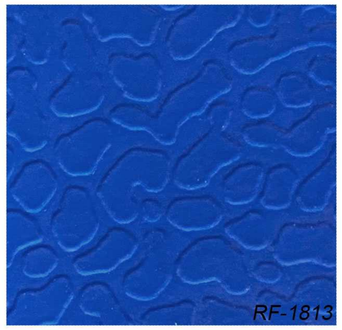
*specification：1.8m*15m*4.0/4.5mm*

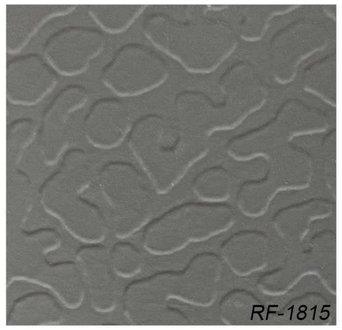


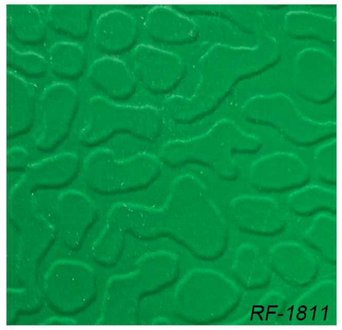
02 Classic gem pattern series

*specification：1.8m*15m*5.0mm*



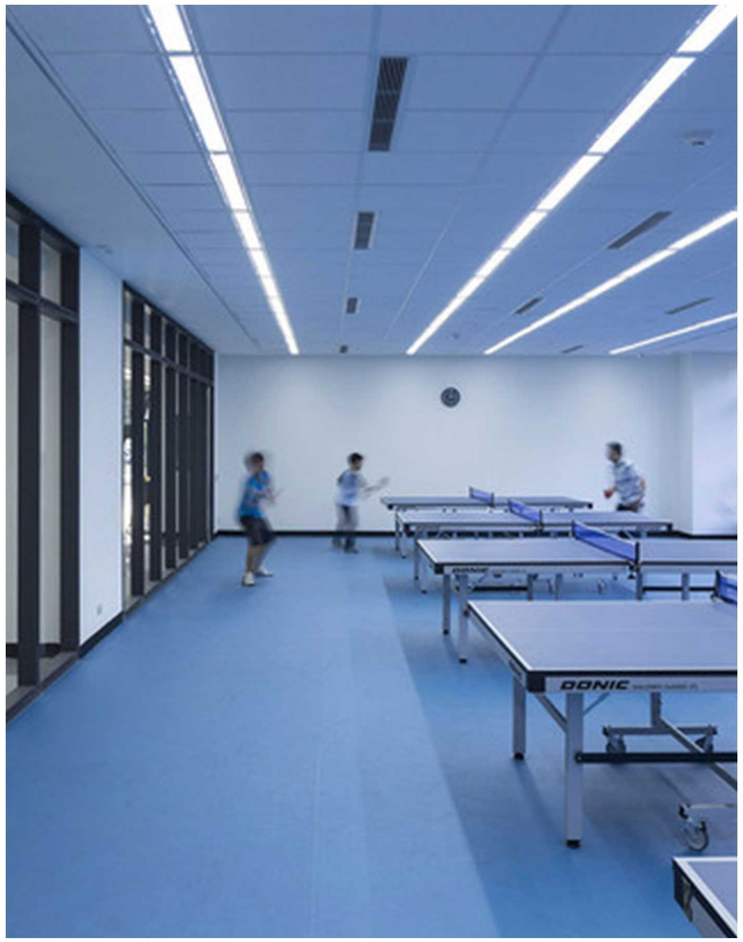


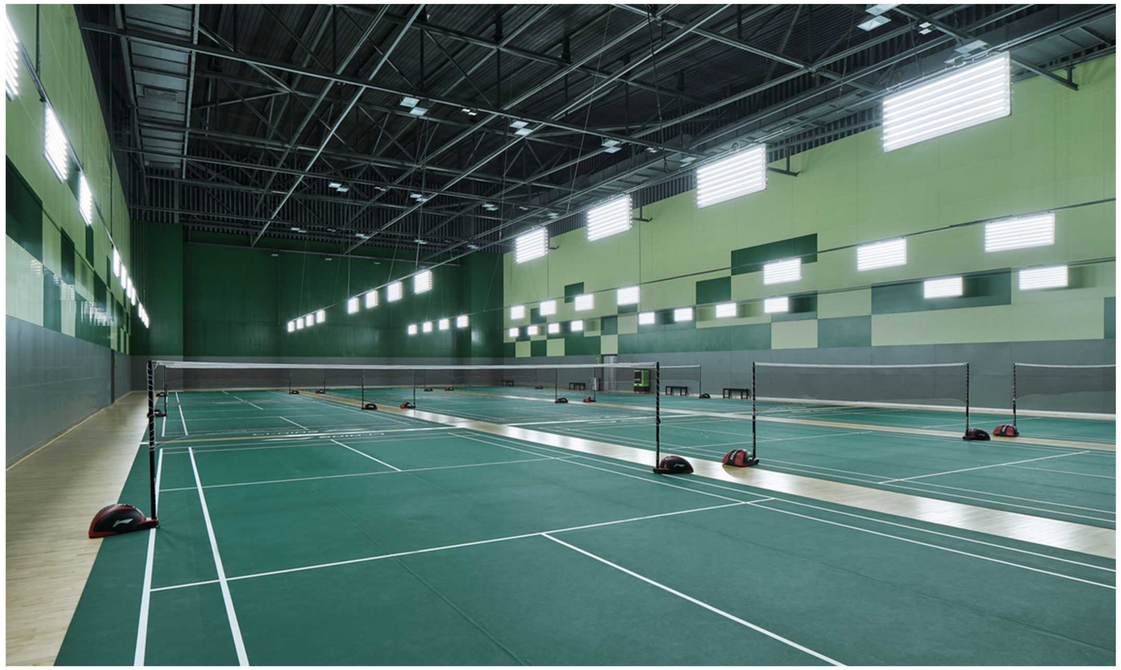




03 Litchi Pattern

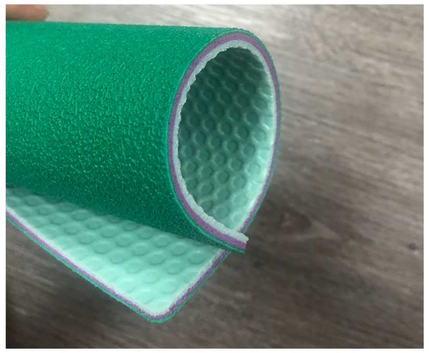
*specification：1.5m*15m*4.5mm*

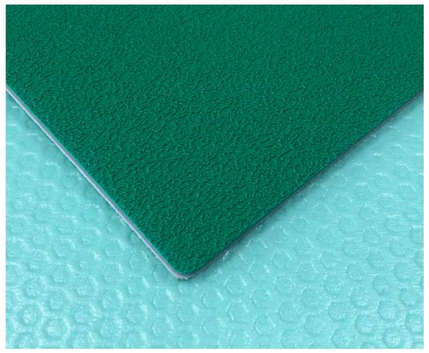


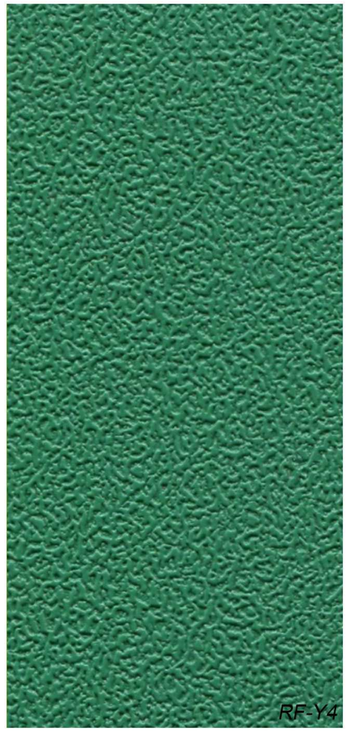


04 Crystal Sand Sports Roll

*specification：1.8m*15m*4.5mm*



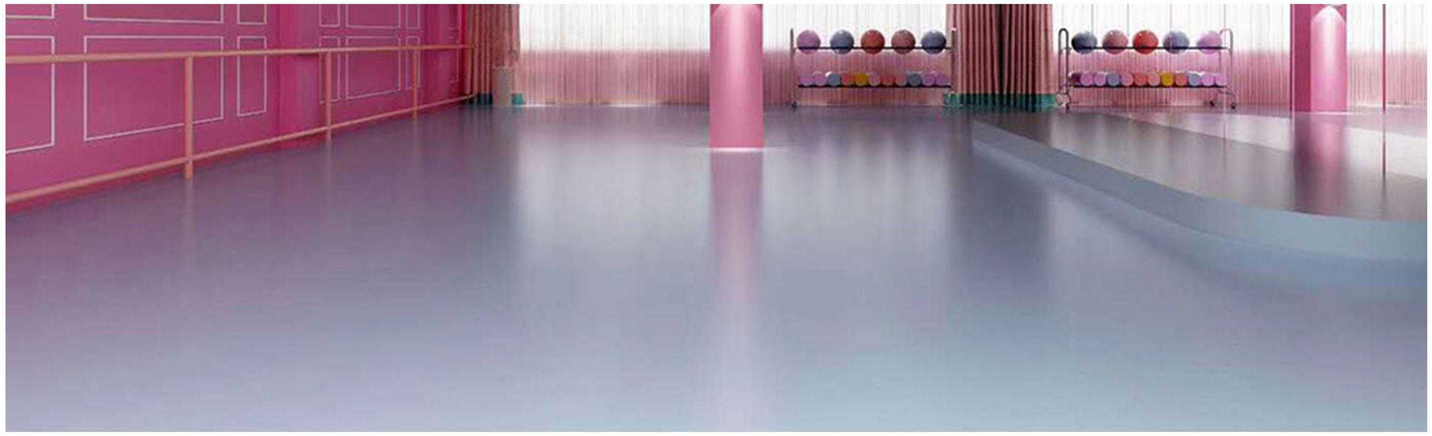


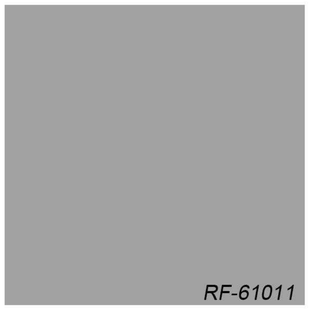


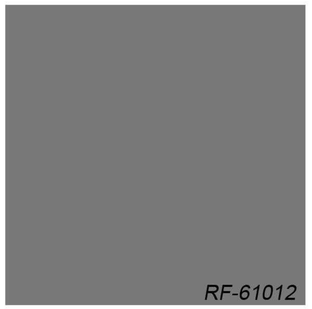
UNION FLOOR

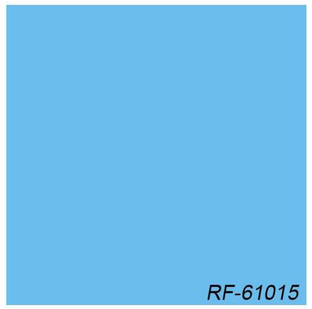
05 *Dancing Room Flooring Roll*

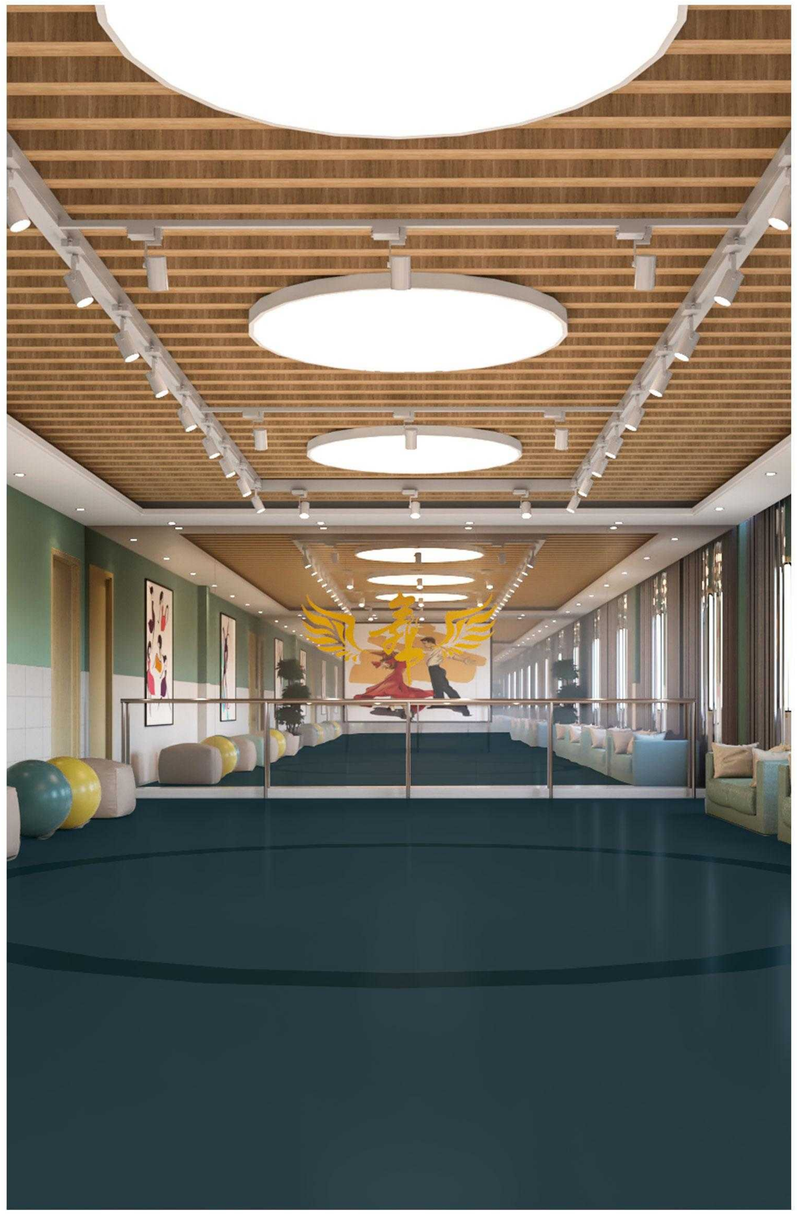
*specification：1.5m*15m*4.5mm*







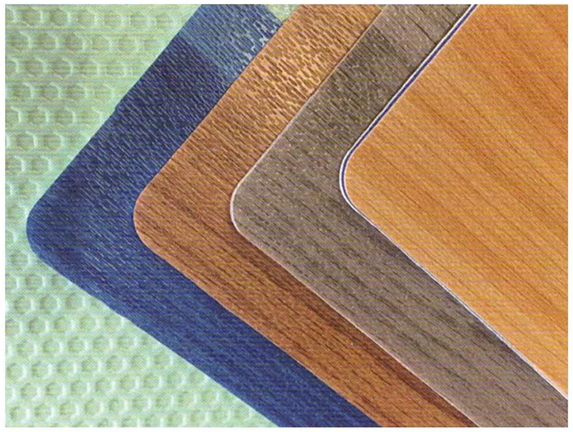




UNION FLOOR

06 *Wood Grain Sports Flooring Roll*

*specification：1.8m*15m*4.5/6.5/8.0mm*



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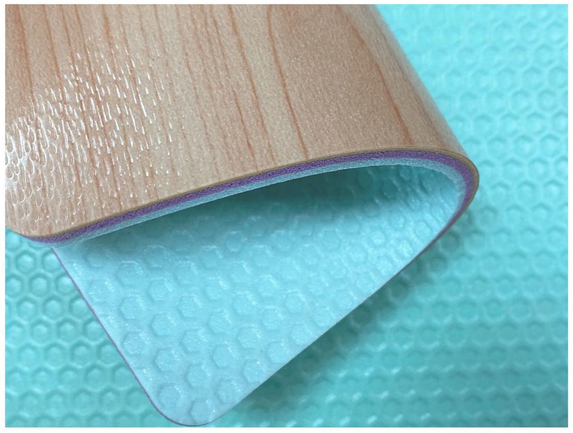

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