



Relle

Rubber Flooring



Professional Manufacturer of Decorational Materials

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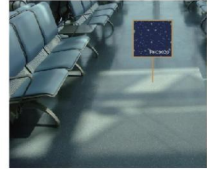
GZ: No.501 Henggang road, Dongping street, Baiyun area,Guangzhou.

Product type, color display



SAFE DURABLE

- Solid Round (PDY/PDF)
- Solid Hammered (PDC)
- Chip Hammered (PKC/PKY)
- Chip Stone (PSP)
- Tian Yun (TYUN)
- Stair (LDY/LKY)



Solid Round (PDY/PDF)



PDY2001 PDY3001 PDY3002



PDY3003 PDY3004 PDY9001



PDY9002 PDY9003 PDY9004



PDY9005 PDY8001 PDY8002



PDF8003 PDF8004 PDF8005



PDF4001 PDF7001 PDF7002

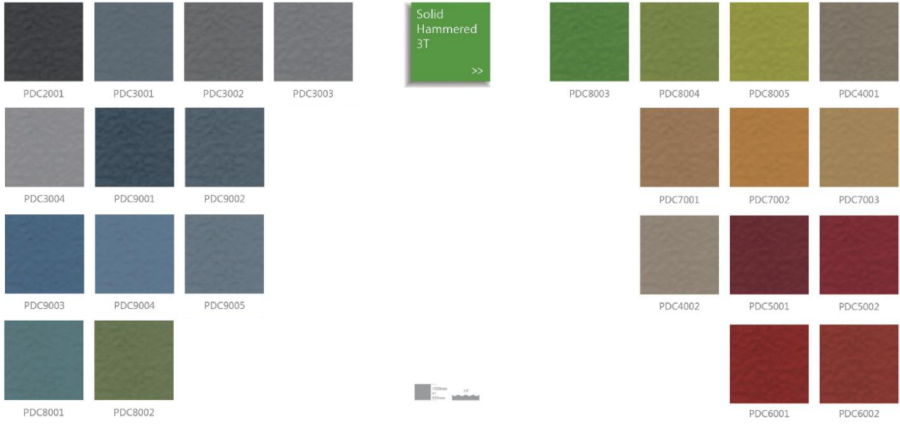


PDF7003 PDF4002 PDF5001

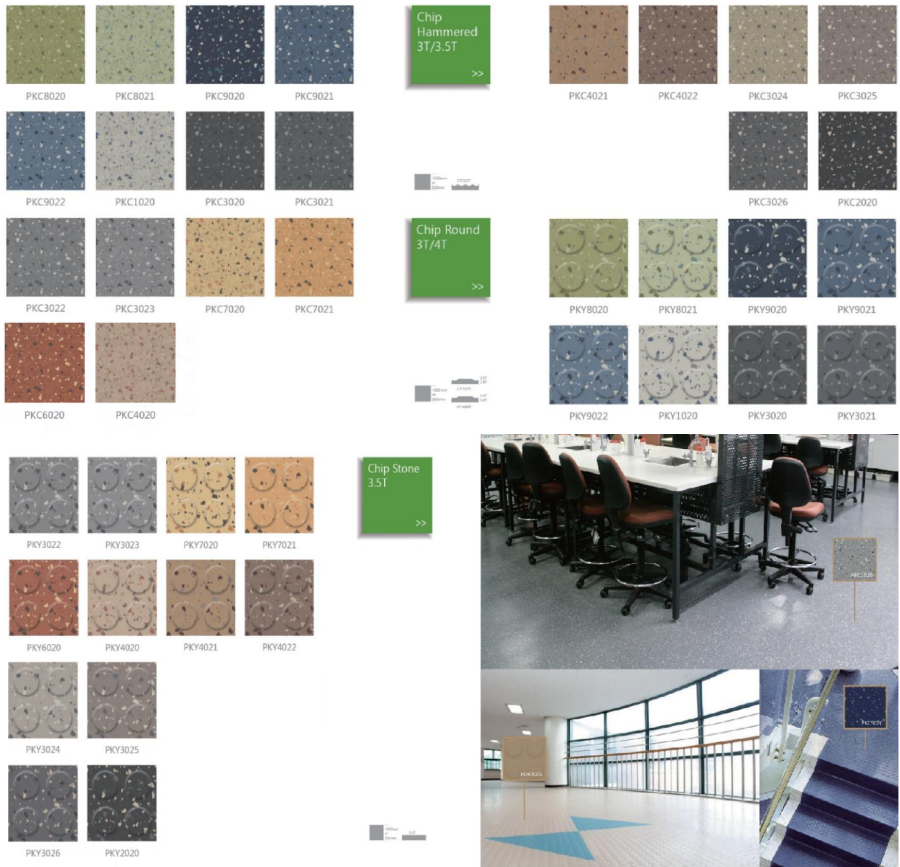


PDF5002 PDF6001 PDF6002

Solid Hammered (PDC)

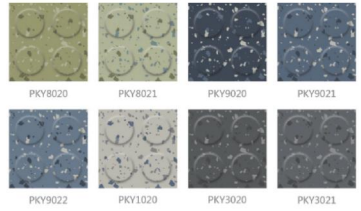
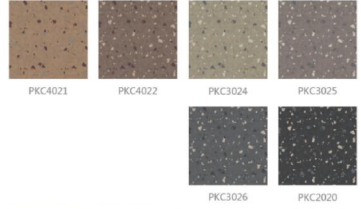


Chip Hammered (PKC/PKY)

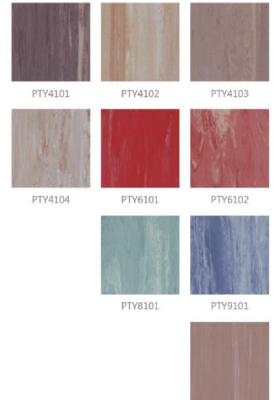
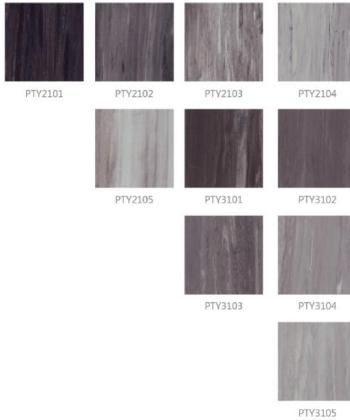




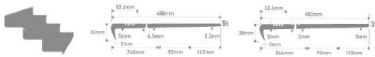
Chip Stone (PSP)



Tian Yun (TYUN)



Stair (LDY/LKY)



SAFE DURBLE Tile type rubber flooring with multi function

SAFE COZY

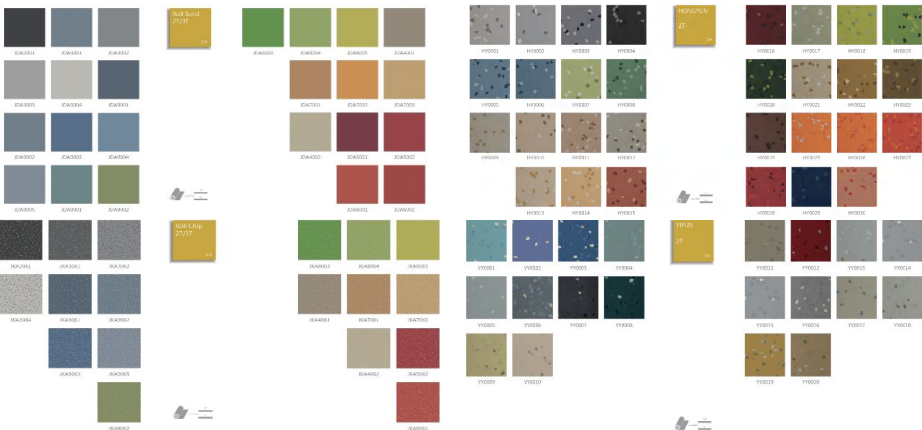
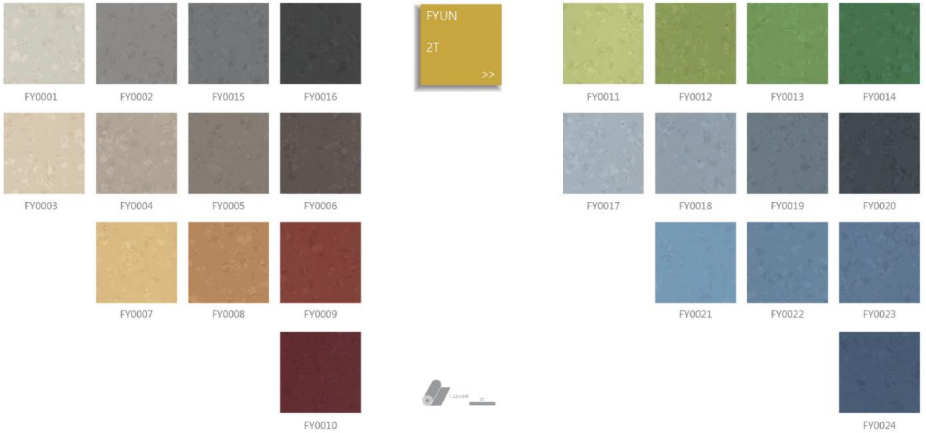
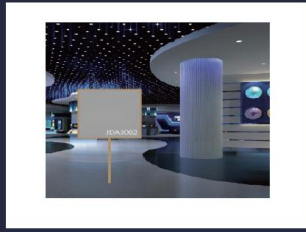
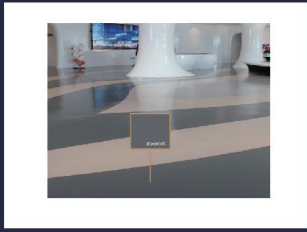
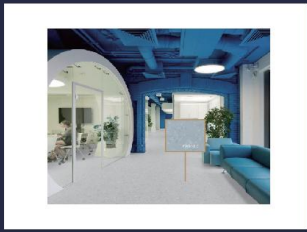
Roll Solid (JDA)

Roll Chip (JKA)

Hong Yun (HY)

Yi Yun (YY)

Feng Yun (FY)

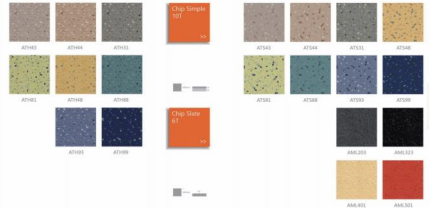


RUBBER FLOORING SYSTEM

Chip Hammered-10 (ATH)
Chip Simple-10T (ATS43)



Chip Hammered-10 (ATH)&Chip Simple-10T (ATS43)

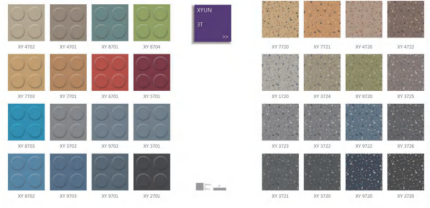


RUBBER FLOORING SYSTEM

SAFE OCEAN
Xiang YUN(XYUN)



Xiang YUN(XYUN)

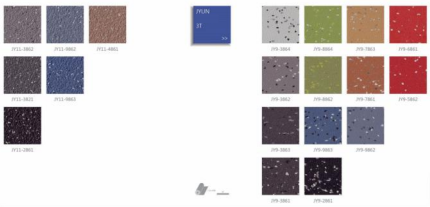


RUBBER FLOORING SYSTEM

SAFE GUARD
JI YUN(JYUN)

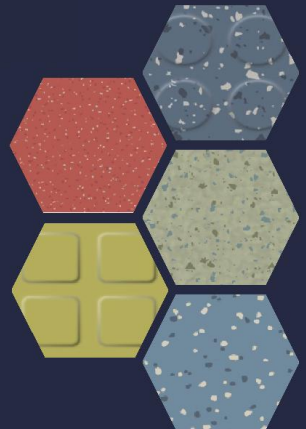


JI YUN(JYUN)



PRODUCTS FEATURE

- Natural environmental protection materials
- Excellent dimensional stability
- Excellent wear resistance
- Strong resilience
- Excellent skid resistance
- Excellent chemical resistance
- Strong fire resistance
- Excellent sound absorption
- Beautiful laying effect (no welding)
- Good flexibility
- Low TVOC emission





Relle Floor
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Guangzhou Honghui hospital project



RUBBER FLOORING SYSTEM

Wuxi airport project



Ningxia Coal Group Command Center

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Technical data

	Test method	Requirements	Average test results from running production
CE conformity	EN 14041		Manufacturer: relle systems GmbH, D-69469 Weinheim
DoP-No.	EN 14041		0021
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	Fulfilled
Dynamic coefficient of friction	EN 13893	DS	Fulfilled
Reaction to fire	EN 13501-1	Not bonded	C _s -s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B+s1

Properties acc. to EN 1817

Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm}$ acc. to EN 1817	3.5 mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.2 \%$
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) \geq level 4 Procedure B (burning) \geq level 3	Fulfilled
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled
Hardness	ISO 48-4	≥ 75 Shore A acc. to EN 1817	82 Shore A
Residual indentation	EN ISO 24 343	Mean value $\leq 0.25 \text{ mm}$ at thickness $\geq 3.0 \text{ mm}$	0.12 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	115 mm ³
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; \geq level 3 on the grey scale	Grey scale \geq level 3 acc. to ISO 105-A02
Classification	EN ISO 10874	Commercial / Industrial	34 / 43

Additional technical properties

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic
Anti-slip properties	DIN EN 16165	Acc. to DGUV 108-003	R 9
Improvement in footfall sound absorption	ISO 10140-3		10 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*
Electrical insulation properties	EN 1081 R1		$> 10^9 \text{ Ohm}$
Electrical propensity when walked upon	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
Effect of a castor chair	EN Iso 4918		Suitable if castor wheels, type W, acc. to EN 12529, are used
Underfloor heating	EN 1264-2		Suitable, max. 35 C°

* In case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings