TRIOFLOR®

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info@trioflor.net

January 2020

TRIOFLOR®

Ocean™

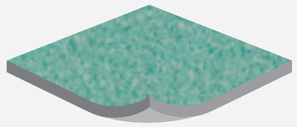
Heterogeneous
Flooring

Ocean™

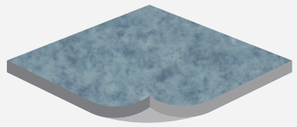
Heterogeneous
Flooring

Pattern Clolor

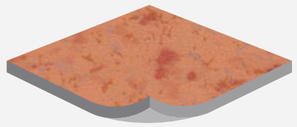
Sea world



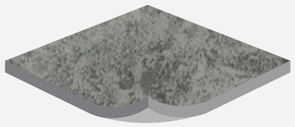
Clown fish™



Lion fish™



Jelly fish™



Yellow tang™

Thalassian™

TRIOFLOR®

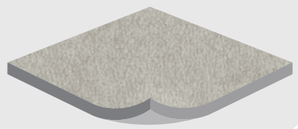
Heterogeneous Flooring

Sea world

- Clown fish™
- Lion fish™
- Jelly fish™
- Yellow tang™
- Thalassian™

2.0mm

Star



Star Rock™

Star Wood™

Heterogeneous Flooring

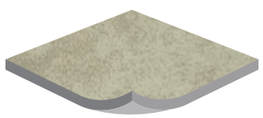
Star

- Star Rock™
- Star Wood™

2.6mm

Heterogeneous Flooring

Multiple Patterns



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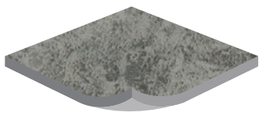

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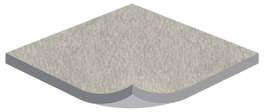


Rock

Wood

About Ocean

Ocean Heterogeneous vinyl flooring is a multi-layer vinyl with a printed top layer providing endless design possibilities, lasting performance and low maintenance cost. Our heterogeneous vinyl flooring is perfectly adapted for almost all application areas and we offer specialized heterogeneous flooring serieswith customized services.

Why Ocean

Outstanding design colors, Ocean™ series include various kinds of colors and patterns, suitable for different scenes and occasions.

Excellent durability and wear resistance to heavy traffic and abrasion, adopting the thick wear layer and special UV coating.

No need for initial polishing with UV coating. Excellent stain resistance and easy cleaning: adopting the special UV coating.

Sanitized treatment with nano- silver technique: strong antibacterial function.

Dimensional stability: adopting special fiber glass layer.

SIX TYPES OF APPLICATION SPACES WITH MULTIPUR COLORS AND SPECIFICATIONS

A NEW GENERATION OF ENVIRONMENTALLY FRIENDLY PLASTICIZERS

With the concept of health, safety and environmental protection, we will continue to optimize and improve the raw material formula of PVC flooring products. The products use the new generation of environmentally friendly palsticizer.

The only plasticizer in the industry that does not contain phthalate and endangers human health.

The only plasticizer in the industry that is suitable for both children`s toys and contact products.

LOWEST VOC RELEASE

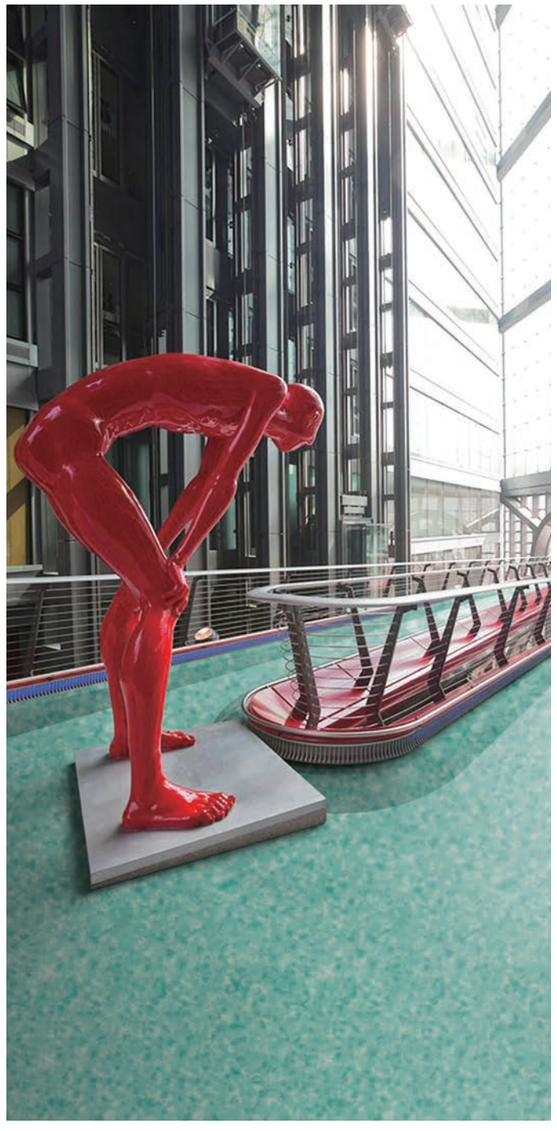
TVOC is a general term for volatile organic compounds, mainly derived from the release of fuel explosive products and artifacts (such as interior decoration material,paints,furniture,flooring,etc).

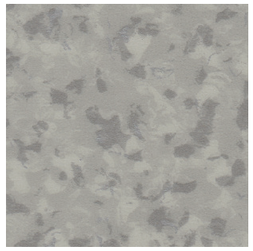
The TVOC release of the product is nearly zero, which is in the best level in the industry to ensure the optimal indoor air quality.

Sea World™

Heterogenous Flooring

Clown fish™
Heterogeneous Flooring

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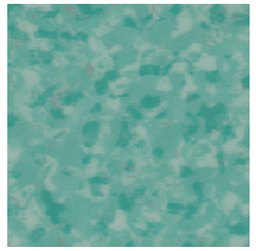
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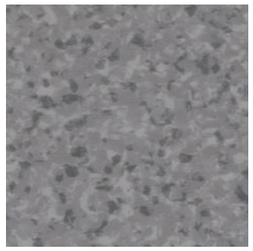
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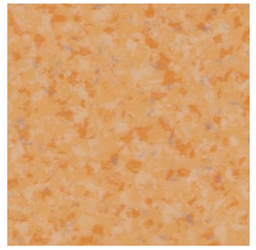
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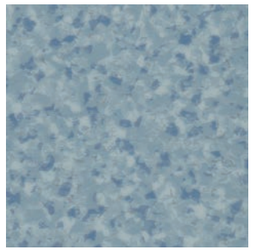
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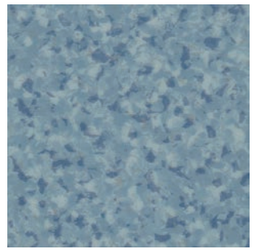
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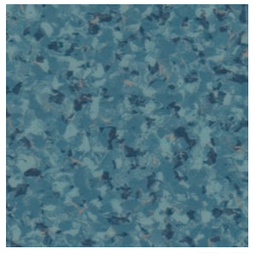
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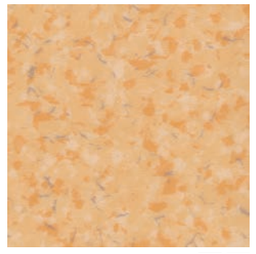
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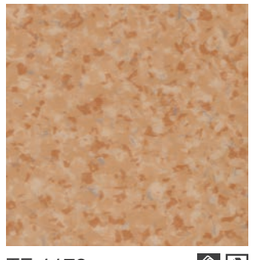
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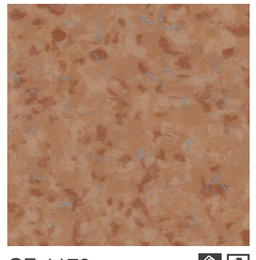
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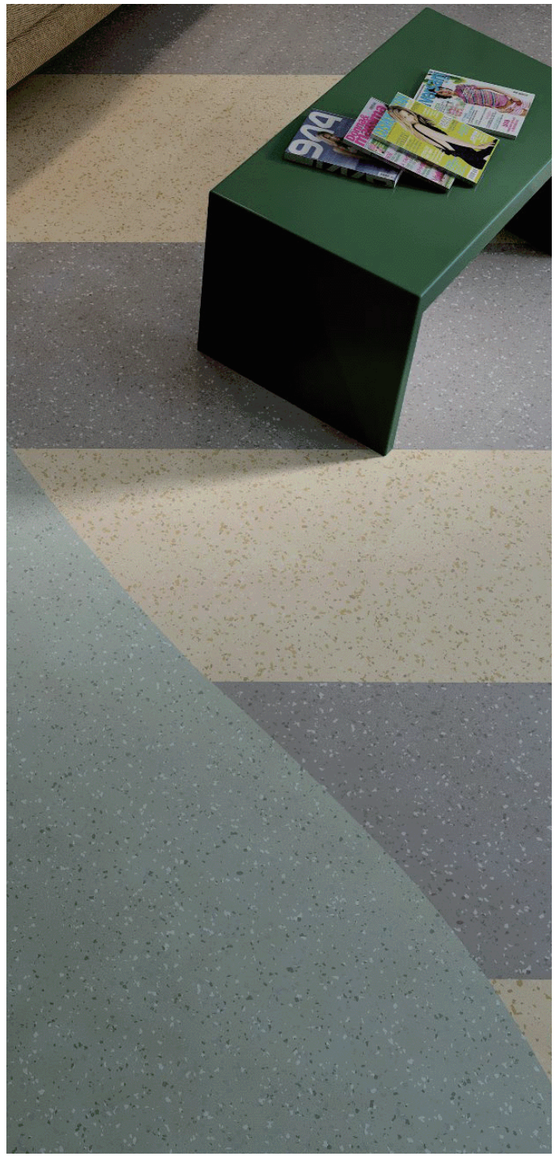
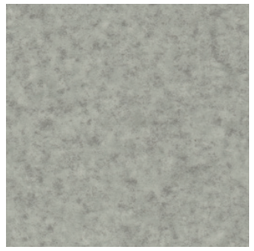
Lion fish™
Heterogeneous Flooring

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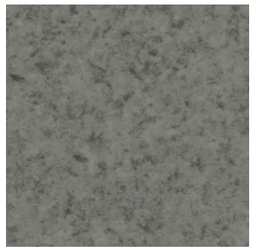
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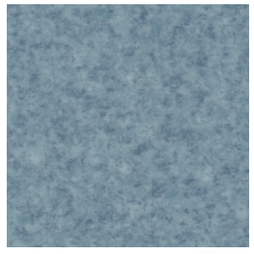
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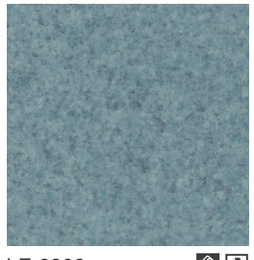
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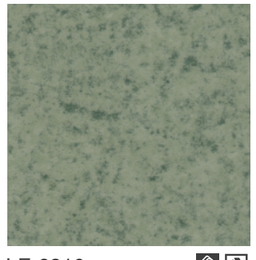
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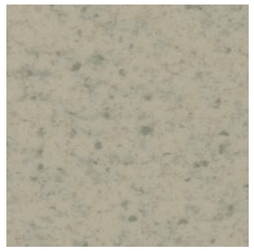
Sea World™

Heterogenous Flooring

TRIOFLOR®

Jelly fish™
Heterogeneous Flooring

20m×2m×2.0mm
100% recyclable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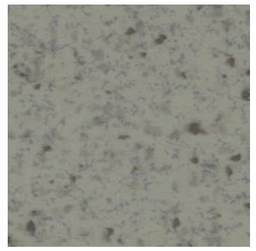
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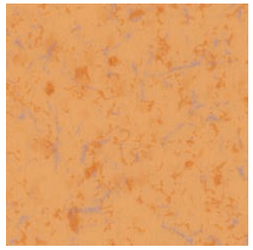
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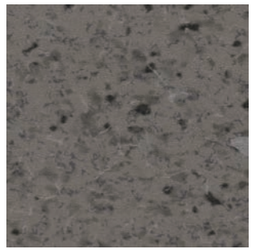
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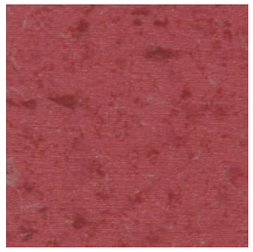
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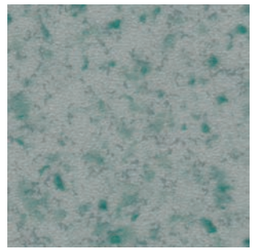
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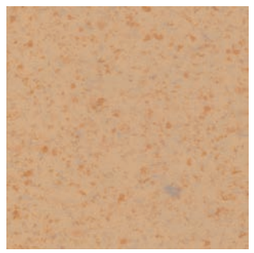
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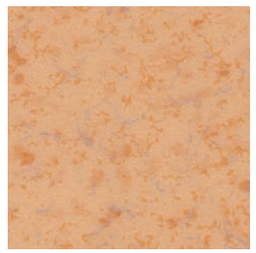
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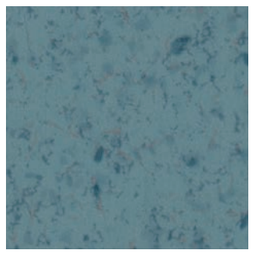
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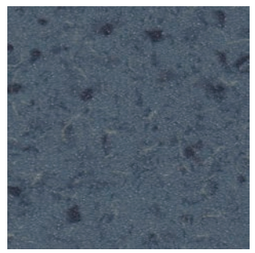
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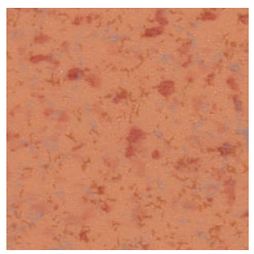
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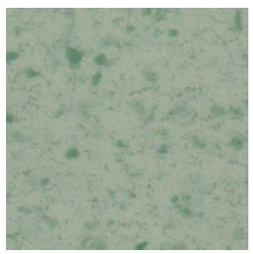
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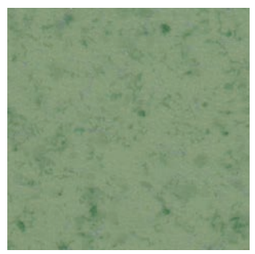

JF-0945

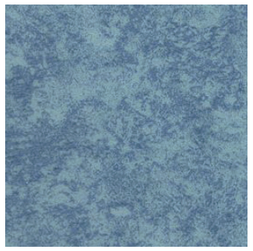
Sea World™

Heterogenous Flooring

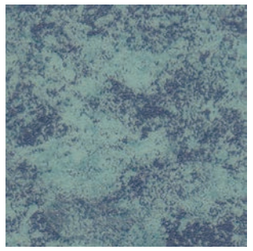
TRIOFLOR®

Yellow tang™
Heterogeneous Flooring

20m×2m×2.0mm
100% recyclable



YT-2001



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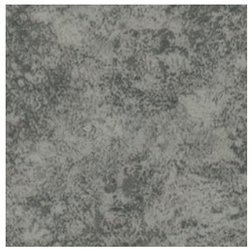


YT-2003

YT-2004

YT-2005

YT-2006

YT-2007

YT-2008

YT-2009

YT-2010

YT-2011

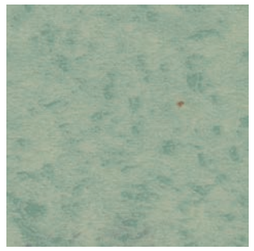
Sea World™

Heterogenous Flooring

TRIOFLOR®

Thalassian™
Heterogeneous Flooring

20m×2m×2.6mm
100% recyclable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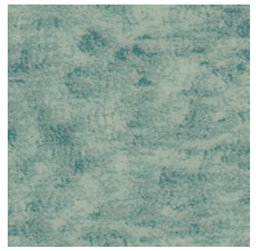
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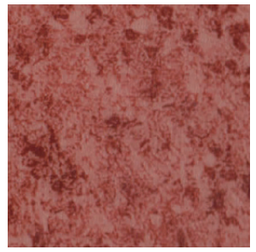
T-2603

T-2604

T-2605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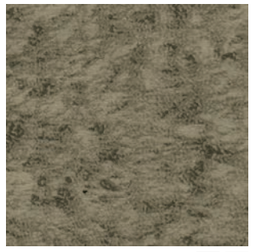
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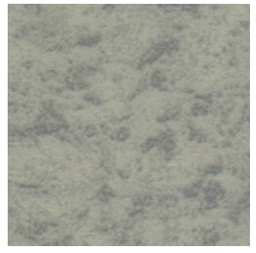
T-2614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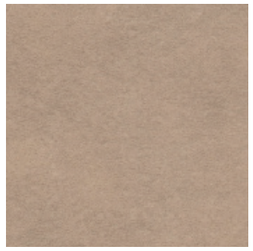
Star Rock™
Heterogeneous Flooring



SR-0801

SR-0802

SR-0804

SR-0805

SR-0806

SR-0807

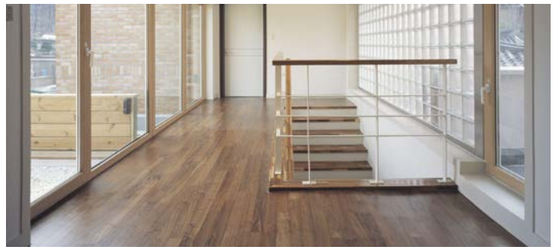
SR-0808

SR-0809

SR-0810

SR-0811

Star Wood™
Heterogeneous Flooring



SW-64

SW-63

SW-62

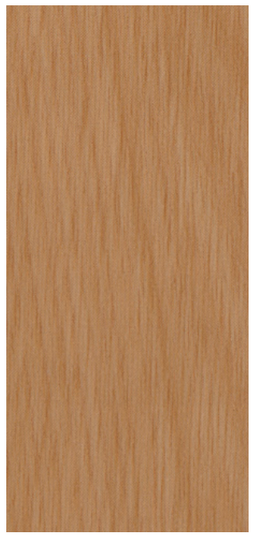
SW-61

Heterogenous Flooring

TRIOFLOR®

20m×2m×2.0mm
100% recyclable

SW-65



SW-66

SW-69

SW-70

SW-67

SW-68

SW-71

SW-72

Sea World™ Heterogenous Flooring

PROFESSIONAL SAFETY AND ENVIRONMENTAL PROTECTION

PRODUCT STANDARD & CHARACTERISTICS

			Clown fish™	Lion fish™	Jellyfish™	Yellow tang™	Thalassian™	Star rock™	Star wood™
CHARACTERISTICS	**Standard**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Type of floor covering	EN649		Heterogeneous sheet	Heterogeneous sheet	Heterogeneous sheet	Heterogeneous sheet	Heterogeneous sheet	Heterogeneous sheet	Heterogeneous sheet
Material			Polyvinyl chloride	Polyvinyl chloride	Polyvinyl chloride	Polyvinyl chloride	Polyvinyl chloride	Polyvinyl chloride	Polyvinyl chloride
PERFORMANCE									
Fire rating	GB 8624-2006	class	BF1	BF1	BF1	BF1	BF1	BF1	BF1
Slip resistance	BGR181	group	R9	R9	R9	R9	R9	R9	R9
Dynamic coefficient of friction	EN 13893	class	DS	DS	DS	DS	DS	DS	DS
Impact sound insulation	ISO 140-8 GB/T 11982.1-1989	dB	10	10	10	10	10	10	10
PERFORMANCE									
Width of sheet	EN426	m	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Length of sheet	EN426	m	20	20	20	20	20	20	20
Total thickness	EN428	mm	2.0	2.0	2.0	2.0	2.6	2.6	2.6
Thickness of wear layer	EN429	mm	0.35	0.35	0.35	0.35	2.6±10%	2.6±10%	2.6±10%
Weight	EN430	Kg/ m	3.5±10%	3.5±10%	3.5±10%	1.9±10%	0.08	0.08	0.08
Residual indentation	EN433	mm	0.08	0.08	0.08	0.08	0.05%	0.05%	0.05%
Dimensional stability	EN434	-	0.05%	0.05%	0.05%	0.05%	≥6	≥6	≥6
Color fastness	ISO 105-002	rating	≥6	≥6	≥6	≥6	T	T	T
Abrasion group	EN649	group	T	T	T	T	<0.17	<0.17	<0.17
Thermal resistance	EN12667	MK/W	<0.17	<0.17	<0.17	<0.17	0.25	0.25	0.25
Thermal conductivity	EN 12524	W/Mk	0.25	0.25	0.25	0.25			
ADDITIONAL PROPERTY									
Castor chair		Underfloor heating	√	√	√	√	√	√	√
Antistatic behavious		Chemical resistance	√	√	√	√	√	√	√

TRIOFLOR®

Triocare™

Heterogeneous
Flooring

About Triocare

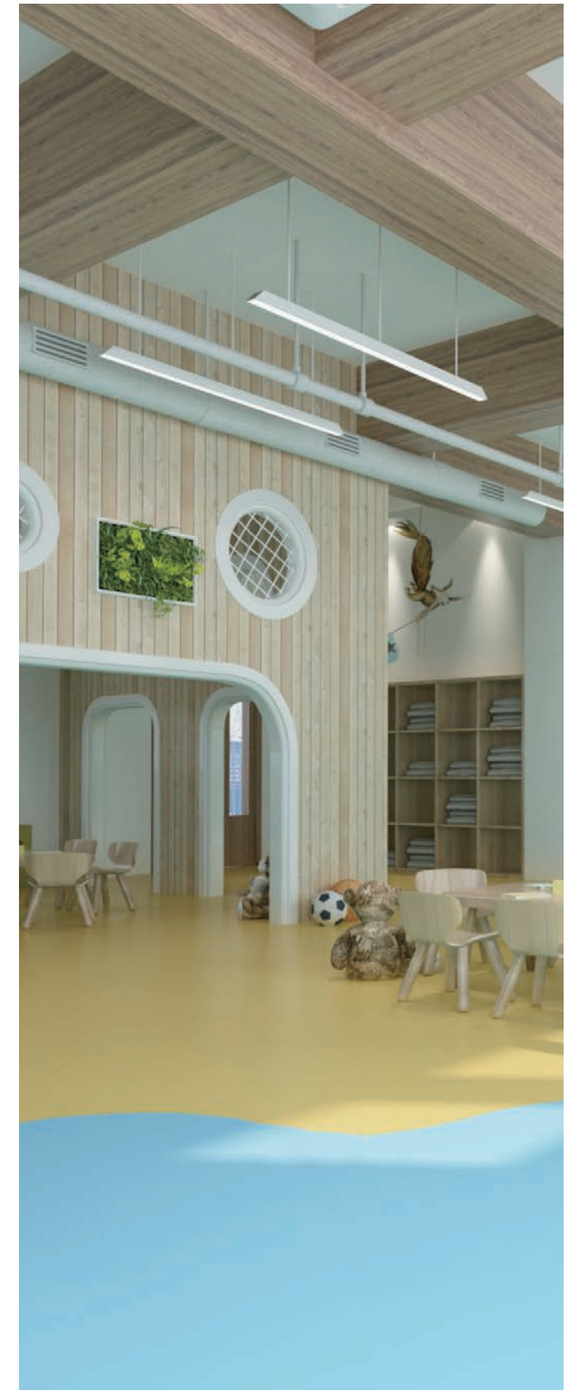
Triocare, is an acoustic foam backed vinyl flooring used kindergarten, daycare center and some other educational systems. There are 8 basic colors for Triocare UNI, and 6 basic colors for Triocare SPOT, making it ideal for cut design work. The UV cured special surface treatment offers the ease of maintenance.

Why Triocare

Environmental - Triocare is concerned about the healthy growth of children, our products get the most stringent indoor air quality safety environmental certification in North America.

Safety - Enjoy sports, Triocare passed the most professional PVC sports floor testing of LABSPORT. The sports properties of our product meet the standard EN14904 (PVC sports flooring).

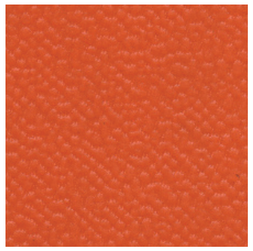
Mark Free - Original surface anti-fouling treatment, brush trances of any material can be wiped clean easily, children doodle on the floor freely.



Triocare™

20m×2m×2.0mm
100% recyclable

TC-801



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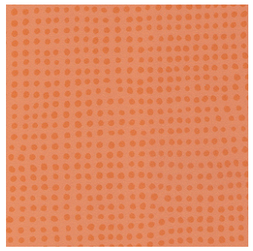

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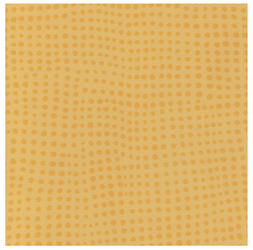

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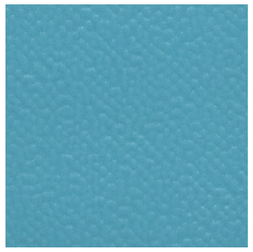

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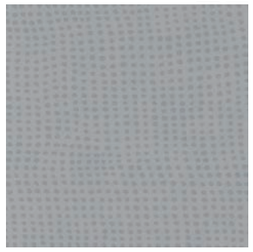

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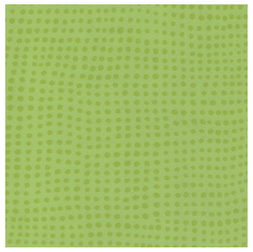

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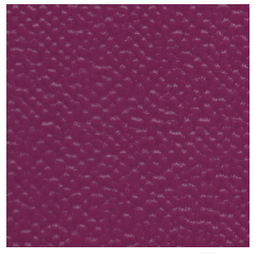
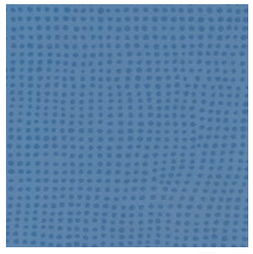


TC-806

TC-808



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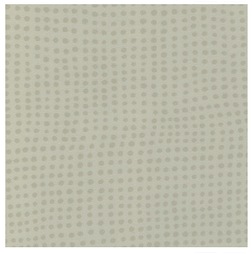
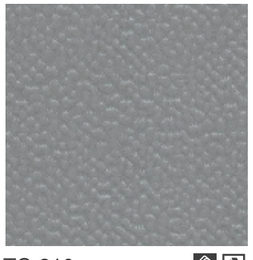


TC-606

TC-809



TC-810

TRIOFLOR®

PRODUCT SPECIFICATION &CHARACTERISTICS

TECH DATA			
Total thickness	EN428	mm	3.5
Thickness of wearlayer	EN429	mm	0.55
Weight	EN430	g/ m2	2300
Roll size	EN426	m	1.8x20
CLASSIFICATION			
European standard	EN685/EN651	class	34-42
Fire rating	EN13501-1	class	Bfl-s1
Electrical resistance	EN1815	kV	<2
Slip resistance dry	PrEN 13893	-	≥0.3
Slip resistance wet	DIN 51 130	class	R9
PERFORMANCE			
Abrasion resistance	EN660.1	mm	≤0.08
Abrasion group	EN651	group	T
Dimensional stability	EN434	%	≤0.4
Residual indentation	EN433	mm	≤0.2
Sound insulation	ENISO717-2	dB	17
Thermal conductivity	EN12524	W/(m.k)	≈0.25
Colour fastness	EN20105-b02	degree	≥6
Chemical products resistance	EN423	class	Good

floor score
CERTIFIED BY SCS Global Services

CE

Seminarraum 1