



GRABO



# COMMERCIAL

VINYL SHEET FLOORINGS

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# ENVIRONMENTAL ATTRIBUTES OF GRABO VINYL SHEET FLOORINGS



## PHTHALATE FREE TECHNOLOGY

Grabo floorings contain biologically inert plasticizer which can be used in sensitive areas as well, such as medical devices and children toys. Thanks to the eco-friendly formulations our products have low volatile organic compounds (low VOC), therefore they do not adversely affect the indoor air quality.



## 100% RECYCLABLE

Beside the carefully selected raw materials and the environment-friendly manufacturing solutions we pay attention to the fact that our products do not impact the environment at the end of their life-cycle either. Accordingly our floorings are 100% recyclable.



## RECYCLED CONTENT UP TO 33%

The recycled content depends on the type of floor coverings and can be up to 33%.



## NO WASTE PRODUCT

It is important to know that we not only declare that our products can be 100% recycled but we ourselves can convert the production waste and post-consumer waste into valuable raw materials which are incorporated into our floor production.



## NO HARMFUL MATERIALS

Grabo floorings are metal and solvent free resulting in reduced global environmental pollution.



## NO WAX

Grabo floorings have reduced cleaning requirements. Environmental impact is lessened by: no energy needs for waxing, reduced energy needs for cleaning, reduced cleaning agent use, reduced water use, and reduced wastewater generation.

# WHAT IS...



## SILVER KNIGHT

Grabo Silver Knight eliminates harmful bacteria without the use of chemicals. It has a self-disinfecting surface reached by a unique double-defense-line.



## TECH SURFACE

Extreme durability due to PUR and micronized Al<sub>2</sub>O<sub>3</sub> particles TECH Surface is a revolutionary new technology which makes the surface not only extremely hard and wear resistant but flexible so the installation can be carried out easily and quickly. The benefits of TECH Surface technology are the excellent stain and chemical resistance, the abrasion resistance and the easy maintenance.



## EASY CARE

Easy Care PUR makes the product easy to clean, whilst at the same time ensuring the safety properties and other technical performance benefits remain for a very long time.



## CLP SYSTEM

CLP is a complex system built up of PVC and cross linked polymer. Its essentiality is, on one hand - against other technical solutions - that CLP ensures throughout the intensive usage the constant parameters not only on the surface, but in the cross section of the wear layer: the durability of the product increases, which involves that the degree of wear and tear decreases. On the other hand due to the high density of the cross links, CLP diminishes the adhesion of the contamination on the surface, substantially improving the cleanability of the flooring.



## GRABOSAN

No surface is more at risk of contamination than the floor. In healthcare one of the most important steps in reducing the spread of infectious diseases is the cleaning and sanitizing of surfaces. Routine cleaning with detergent and water is useful for removing visible dirt and germs, but floor coverings require an additional performance to reduce the number of germs.

Therefore Grabo invented graboSAN, the anti-microbe additive contained surface treatment against mold, fungi, yeast, algae and bacteria. The result of the test method given in the International Standard ISO 846:1997 certify that no significant microbe growth could be observed on the graboSAN surface treated floors. The tests have been carried out with the Pseudomonas aeruginosa bacterium, which is one of the most common pathogens involved in hospital infections causing pneumonia, and with Aspergillus niger fungus, which causes a disease called black mold on certain fruits and vegetables.

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# SILVER KNIGHT

## PERFORMANCE, FEATURES & BENEFITS

Grabo Silver Knight eliminates harmful bacteria without the use of chemicals. Grabo Silver Knight has a self-disinfecting surface reached by a unique double-defense-line.

## RECOMMENDED USAGE

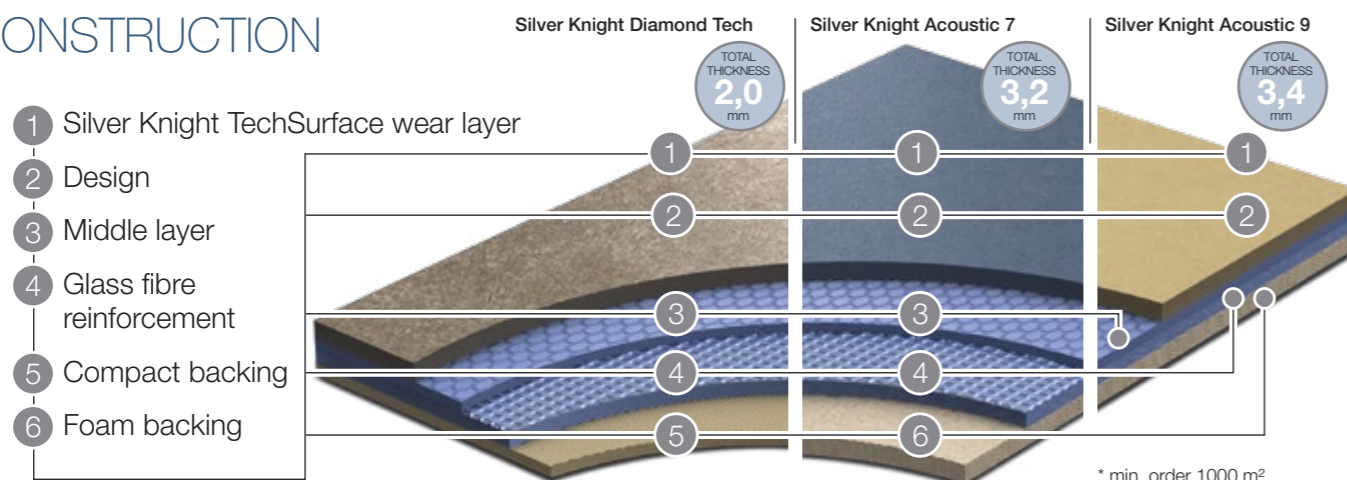
Healthcare | Education | Hospitality  
Offices | Retail

DESCRIPTION		Silver Knight Diamond Tech	Silver Knight Acoustic 7	Silver Knight Acoustic 9*
Construction		compact heterogeneous	heterogeneous	heterogeneous
Total thickness	EN ISO 24346	2,0 mm	3,2 mm	3,4 mm
Wear layer thickness	EN ISO 24340	0,7 mm	0,7 mm	0,9 mm
Width of roll	EN ISO 24341	2 m	2 m	2 m
Length of roll	EN ISO 24341	20 lm	20 lm	20 lm
Total weight	EN ISO 23997	2,8 kg/m <sup>2</sup>	2,6 kg/m <sup>2</sup>	2,9 kg/m <sup>2</sup>

CLASSIFICATION				
European classification	EN 685	class: 33/43	class: 33/42	class: 33/42

PERFORMANCE				
Abrasion group	EN 660-1	T	T	T
Residual indentation	EN ISO 24343	max. 0,1 mm	max. 0,2 mm	max. 0,2 mm
Dimensional stability	EN ISO 23999	max. 0,2 %	max. 0,2 %	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1	class: Bfl-s1	class: Bfl-s1
	ASTM E 648/ 662	class: Class1	-	-
	Gost 30402-94	G1	G1	G1
Impact sound reduction	EN ISO 717-2	-	$\Delta L_w=19$ dB	$\Delta L_w=17$ dB
Slip resistance	DIN 51130	R9	R9	R9
Electrical resistance	EN 1815	< 2 kV	< 2 kV	< 2 kV
	EN 1081	$\leq 10^9 \Omega$	$\leq 10^9 \Omega$	$\leq 10^9 \Omega$
Chemical resistance	EN ISO 26987	✓	✓	✓
	ASTM F925-02	✓	✓	✓
Bacterial resistance	EN ISO846:1999	✓	✓	✓
Antimicrobial activity	ISO 27447	>99 %	>99 %	>99 %
Light fastness	EN 20105 B02	grade 6	grade 6	grade 6
Castor chair resistance	EN 425	✓	✓	✓
Surface treatment		TECHSurface	TECHSurface	TECHSurface
Anti bacterial and fungicid treatment		Silver Knight	Silver Knight	Silver Knight
Seaming method		hot or cold welding	hot or cold welding	hot or cold welding
Warranty		15 year	15 year	15 year

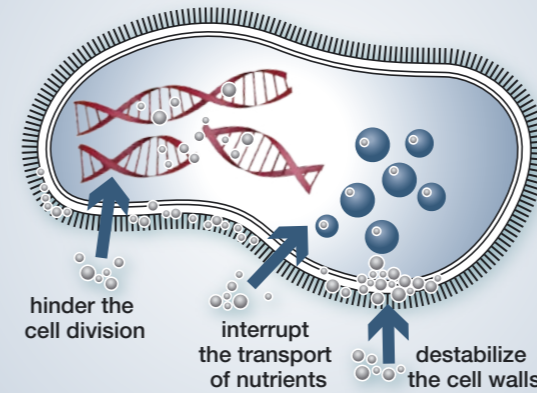
## CONSTRUCTION



## 1<sup>st</sup> line of defense

**NanoSilver – bacteria is destroyed without the use of chemicals**

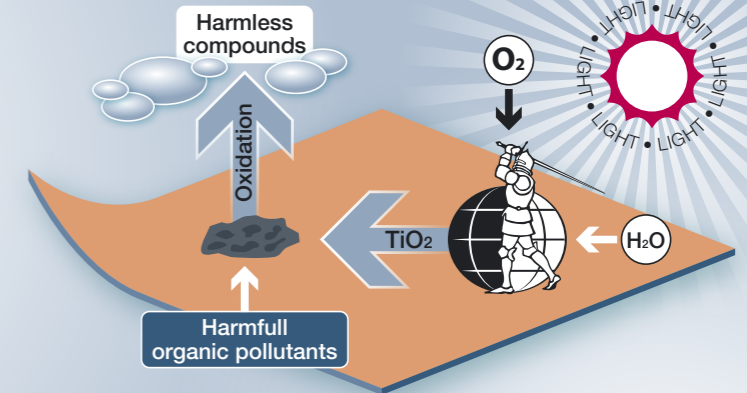
The disinfecting properties of silver have been known for more than 3000 years. The silver destroys or inactivates microbes such as bacteria, fungi and viruses. This effect of silver results from the ongoing slow diffusion of silver ions.



## 2<sup>nd</sup> line of defense

**NanoTiO<sub>2</sub> – helps to decompose germs**

Titanium dioxide is a photocatalyst, operating similar to chlorophyllian photosynthesis which helps transforming harmful substances into harmless compounds through a chemical oxidation process without being consumed.



## GRABO SILVER KNIGHT IS A LOW-MAINTENANCE AND TROUBLE-FREE FLOORING

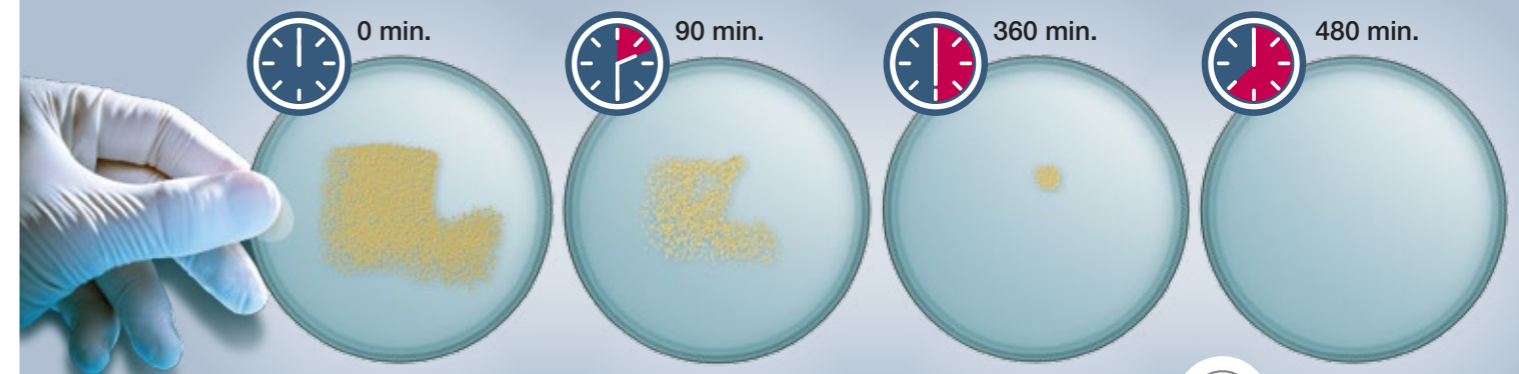


### More effective infection control with easy cleaning

Due to the photocatalytic reaction, the surface energy is increased so dirt adheres less and is easier to remove resulting in use of less cleaning products. Grabo Silver Knight is active round the clock, 24/7, and helps to reduce microbial contamination in between cleanings.

### Improve indoor air quality

Through photocatalysis odors are decomposed into harmless constituent parts. It works in the same way for pollutants as well, such as nicotine or formaldehyde and unpleasant smells e.g. ammonia or fish odor. Grabo Silver Knight is the ultimate, environmentally sound choice for any facilities.



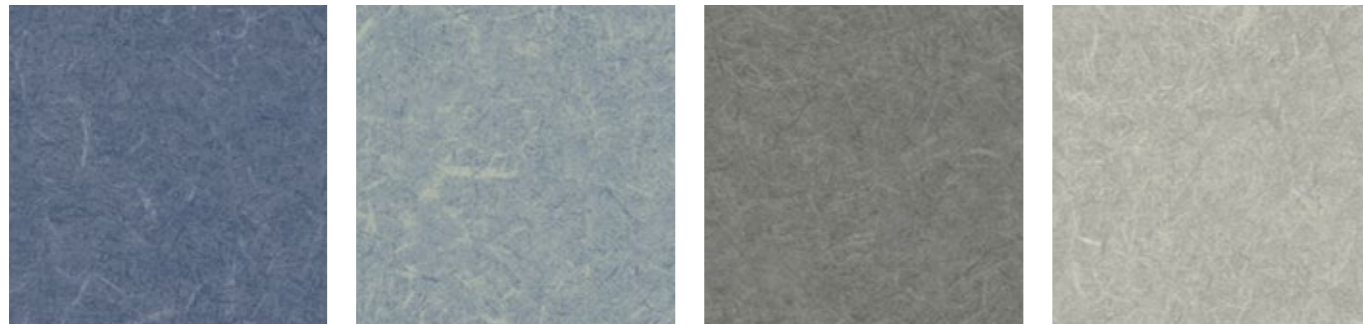
SILVER KNIGHT

# SILVER KNIGHT



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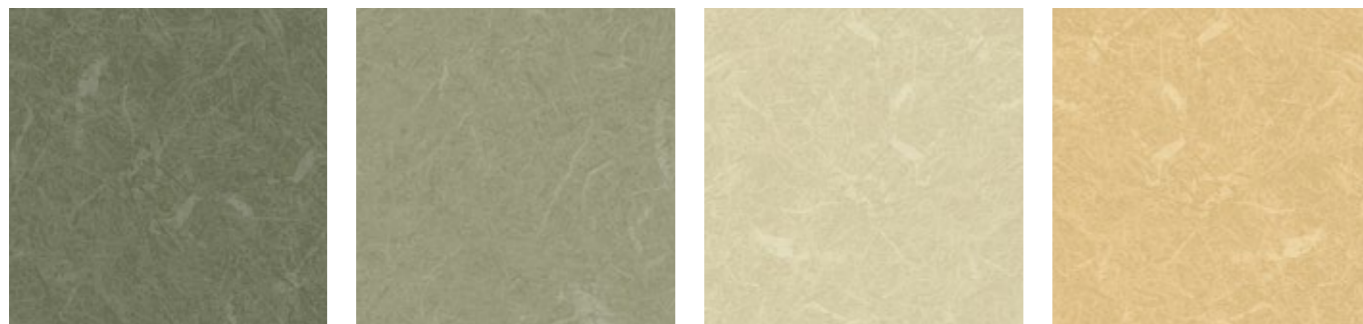


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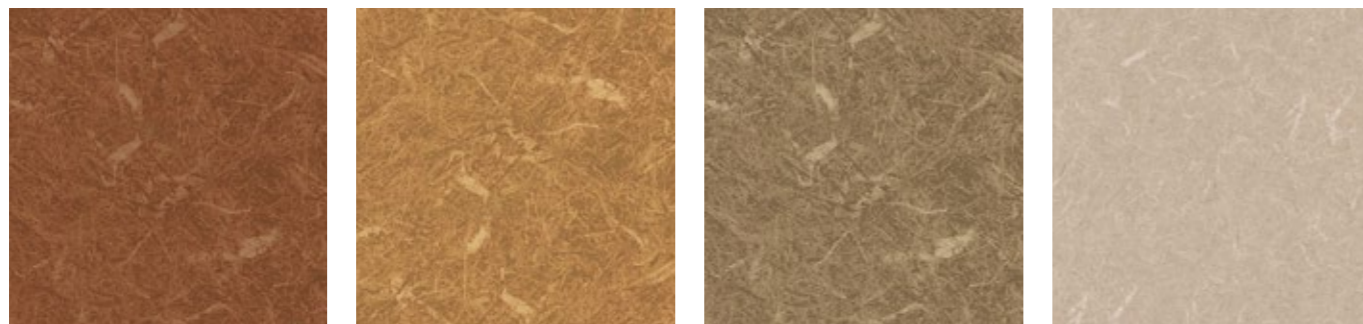
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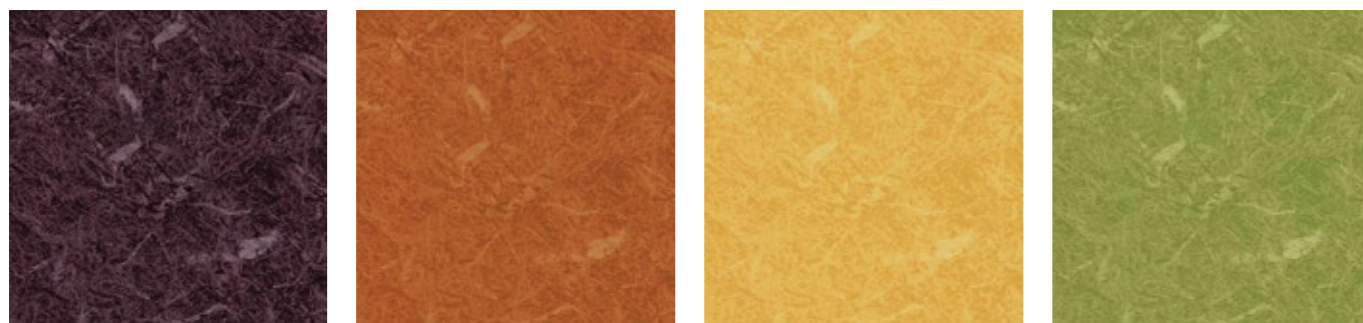
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455-883

455-885

455-884

455-886

# ACOUSTIC 5

## PERFORMANCE, FEATURES & BENEFITS

Excellent acoustic properties ( $\geq 19$  dB),  
Excellent foot comfort, Dimensionally stable,  
Increased lifespan, Antistatic, Anti-bacterial, 7 year warranty

## RECOMMENDED USAGE

Healthcare | Education | Library  
Corporate | Retail | Anywhere acoustical property is needed



### DESCRIPTION

Construction		heterogeneous
Total thickness	EN ISO 24346	3,2 mm
Wear layer thickness	EN ISO 24340	0,55 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	25 lm
Total weight	EN ISO 23997	2,5 kg/m <sup>2</sup>

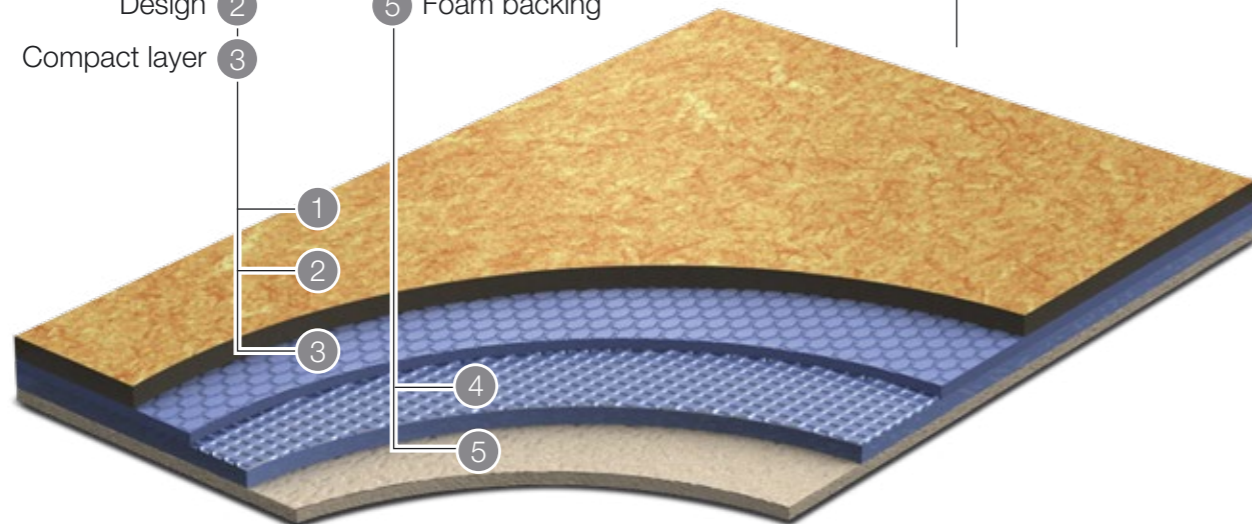
### CLASSIFICATION

European classification	EN 685	class: 33/42
Classement UPEC	NF EN 651	class: U3P3E2/3C2

### PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,2 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1
	BS 476	class: Class1
	Gost 30402-94	class: G1
Impact sound reduction	EN ISO 717-2	$\Delta L_w = 19$ dB
Slip resistance	DIN 51130	R9
	AS/NZS 4586	R10
Electrical resistance	EN 1815	< 2 kV
	EN 1081	$\leq 10^9 \Omega$
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment		CLP
Anti bacterial and fungicid treatment		graboSAN
Seaming methot		hot or cold welding
Warranty		7 year

- CLP wear layer ①
- Design ②
- Compact layer ③
- ④ Glass fibre reinforcement
- ⑤ Foam backing



## CONSTRUCTION



ACOUSTIC 5

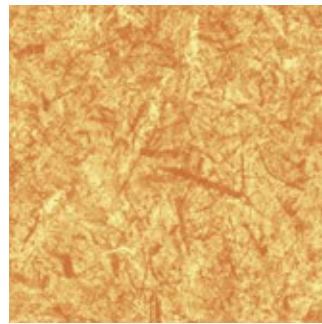
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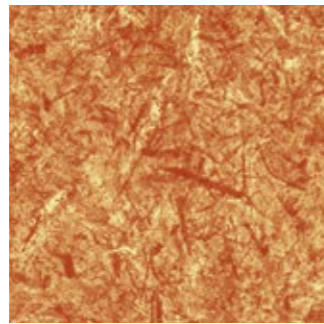
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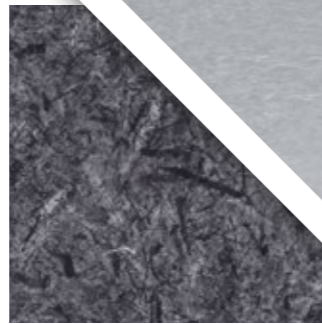
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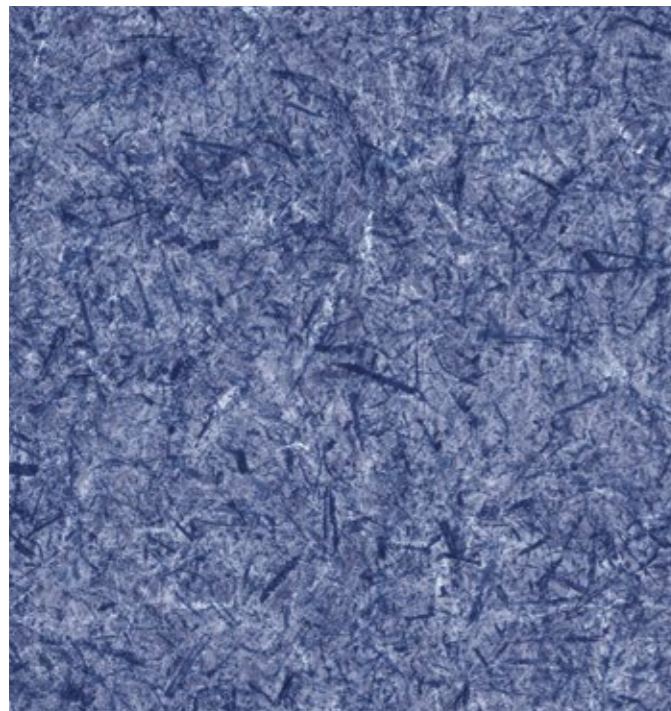
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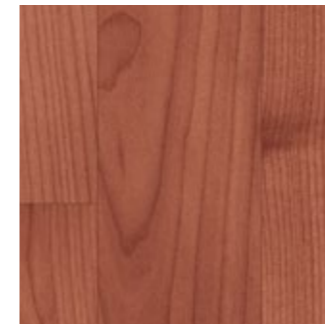


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379-657-273

# SILVER KNIGHT ACOUSTIC 5 NATURAL



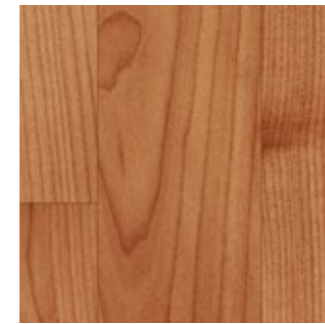
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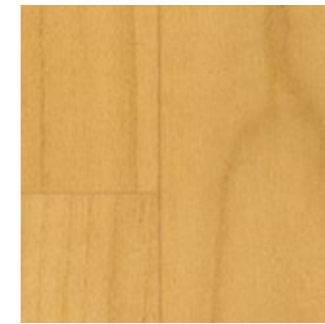
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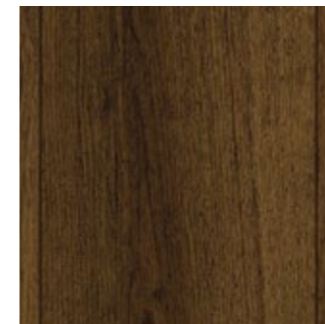
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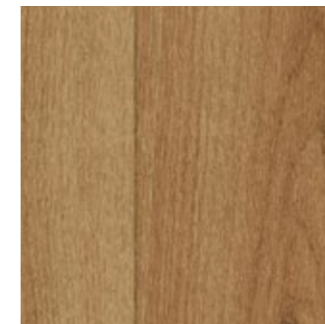
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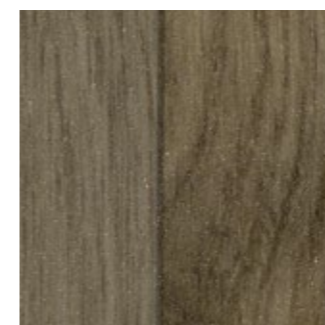
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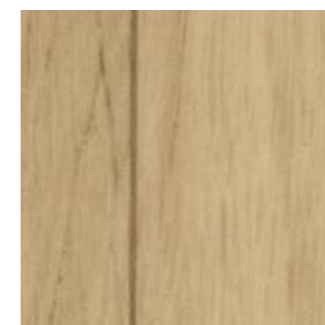
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2561-371-651

ACOUSTIC 5

# ACOUSTIC PRO

## PERFORMANCE, FEATURES & BENEFITS

Excellent acoustic properties ( $\geq 19$  dB),  
Excellent foot comfort, Dimensionally stable,  
Increased lifespan, Antistatic, Anti-bacterial, 7 year warranty

## RECOMMENDED USAGE

Healthcare | Education | Hospitality  
Corporate | Retail | Anywhere acoustical property is needed



### DESCRIPTION

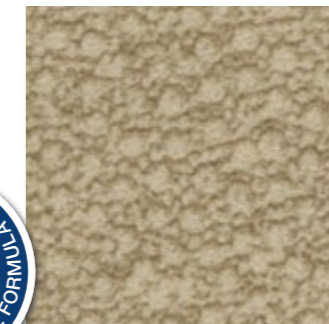
Construction	heterogeneous	
Total thickness	EN ISO 24346	3,2 mm
Wear layer thickness	EN ISO 24340	0,55 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	25 lm
Total weight	EN ISO 23997	2,5 kg/m <sup>2</sup>

### CLASSIFICATION

European classification	EN 685	class: 33/42
Classement UPEC	NF EN 651	class: U3P3E2/3C2

### PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,2 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1
	BS 476	class: Class1
	Gost 30402-94	class: G1
Impact sound reduction	EN ISO 717-2	$\Delta L_w = 19$ dB
Slip resistance	DIN 51130	R9
	AS/NZS 4586	R10
Electrical resistance	EN 1815	< 2 kV
	EN 1081	$\leq 10^9 \Omega$
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment	PUR Surface	
Anti bacterial and fungicid treatment	graboSAN	
Seaming methot	hot or cold welding	
Warranty	7 year	



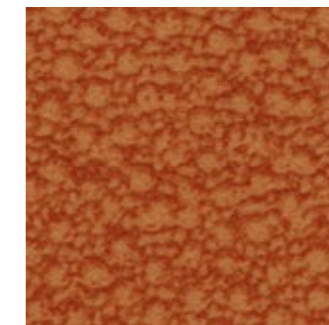
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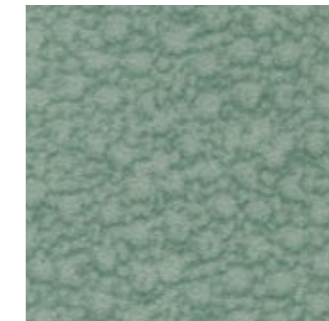
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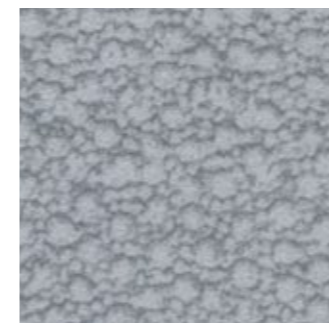
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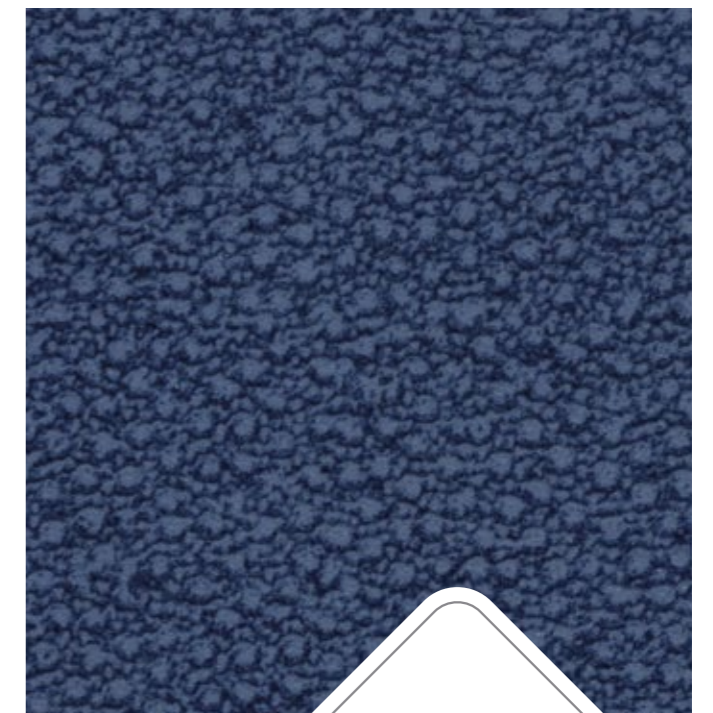
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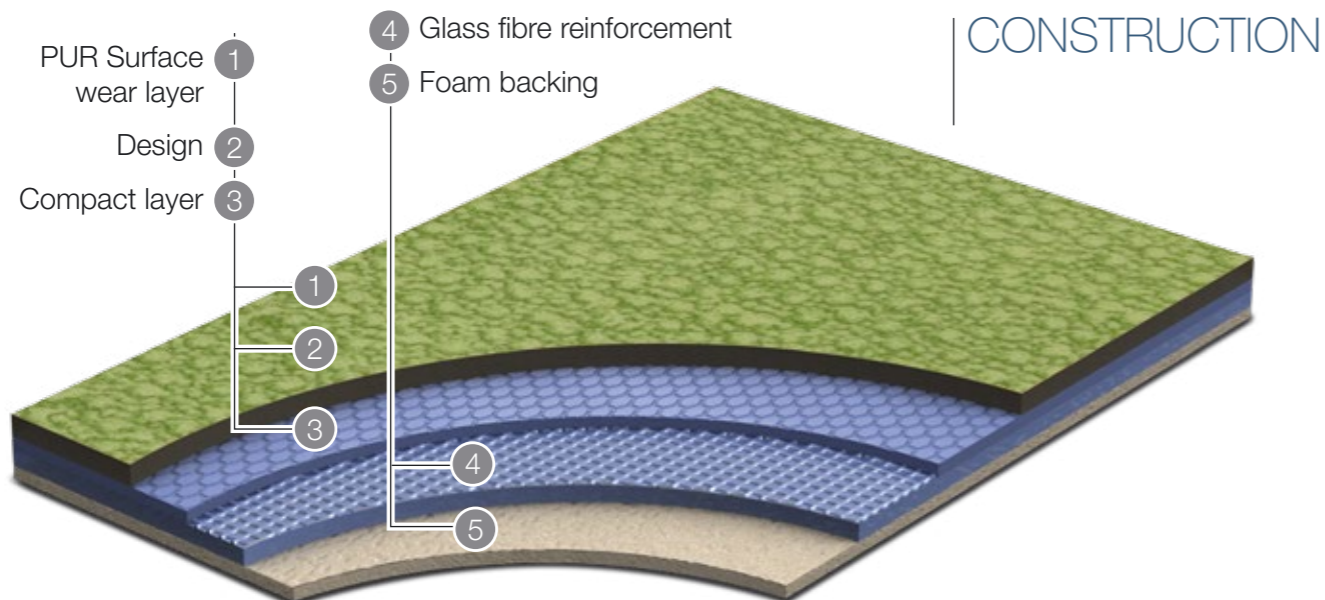
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4276-471-4



4276-459-4



ACOUSTIC 7

# ACOUSTIC 7

## PERFORMANCE, FEATURES & BENEFITS

Excellent acoustic properties ( $\geq 19$  dB),  
Excellent foot comfort, Dimensionally stable,  
Increased lifespan, Antistatic, Anti-bacterial, 10 year warranty

## RECOMMENDED USAGE

Healthcare | Education | Library  
Corporate | Retail | Anywhere acoustical property is needed



### DESCRIPTION

Construction		heterogeneous
Total thickness	EN ISO 24346	3,2 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	25 lm
Total weight	EN ISO 23997	2,6 kg/m <sup>2</sup>

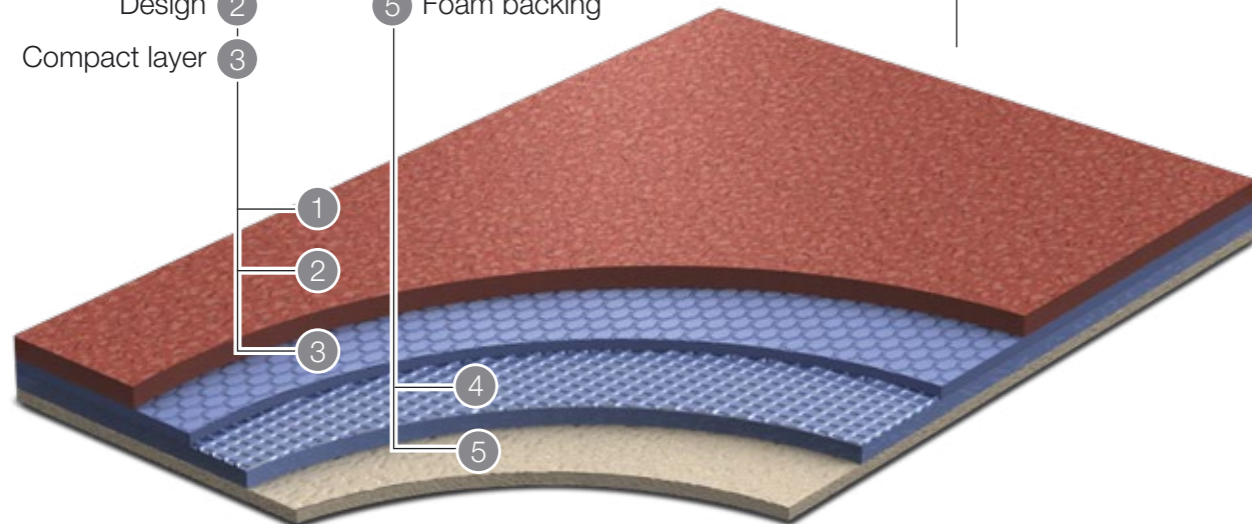
### CLASSIFICATION

European classification	EN 685	class: 34/42
Classement UPEC	NF EN 651	class: U4P3E2/3C2

### PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,2 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1
	BS 476	class: Class1
	Gost 30402-94	class: G1
Impact sound reduction	EN ISO 717-2	$\Delta L_w = 19$ dB
Slip resistance	DIN 51130	R9
	AS/NZS 4586	R10
Electrical resistance	EN 1815	< 2 kV
	EN 1081	$\leq 10^9 \Omega$
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment		CLP
Anti bacterial and fungicid treatment		graboSAN
Seaming methot		hot or cold welding
Warranty		10 year

- CLP wear layer ①
- Design ②
- Compact layer ③
- ④ Glass fibre reinforcement
- ⑤ Foam backing



## CONSTRUCTION



ACOUSTIC 7



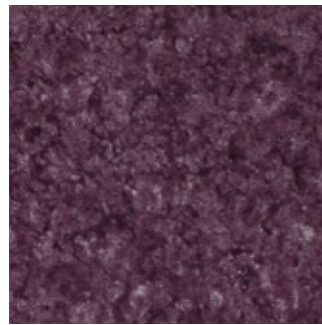
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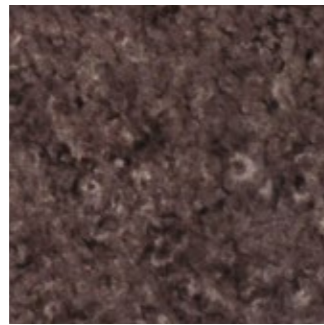
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FREE

grabo  
SAN  
minimize  
the growth of  
microorganisms

NOI  
WAXI



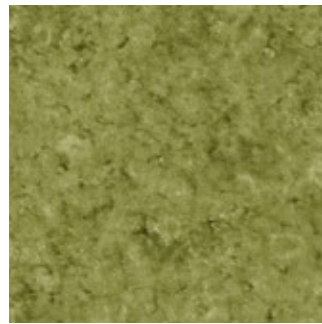
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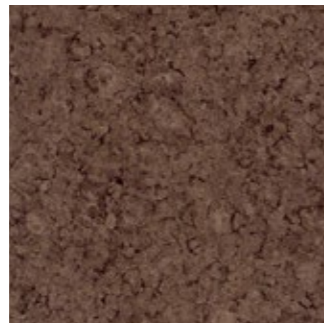
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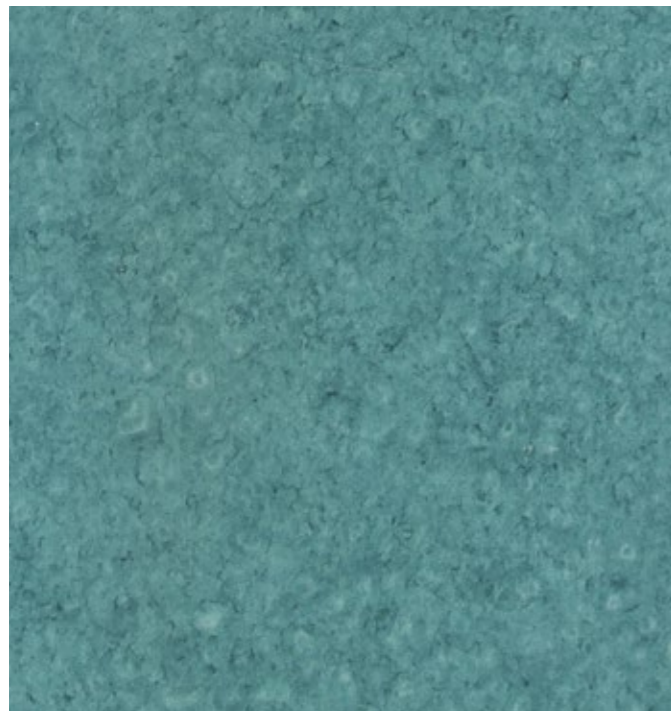
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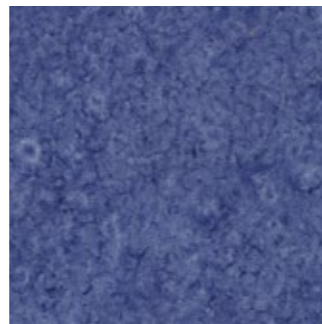
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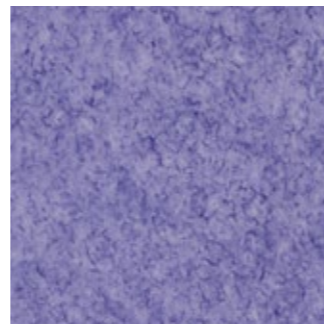
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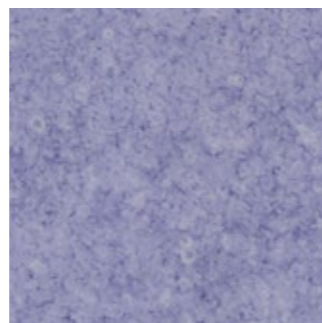
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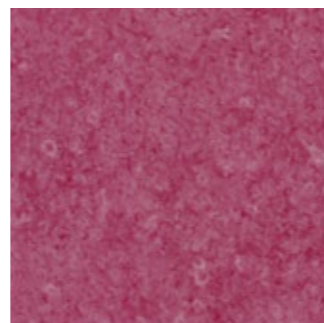
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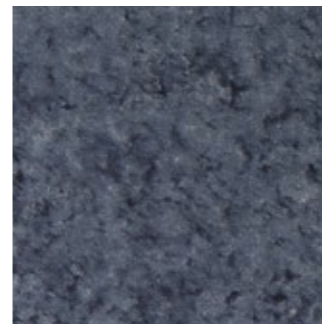
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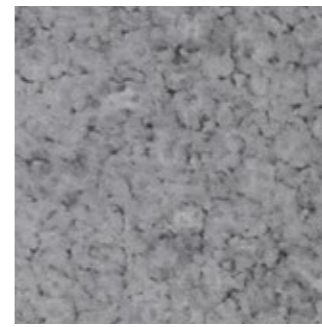
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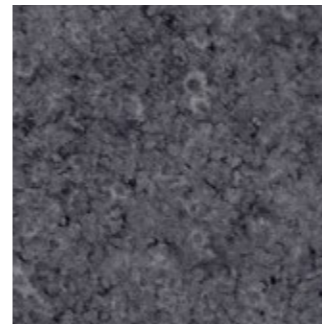
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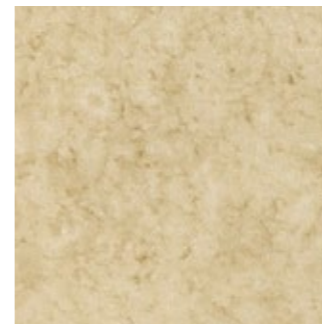
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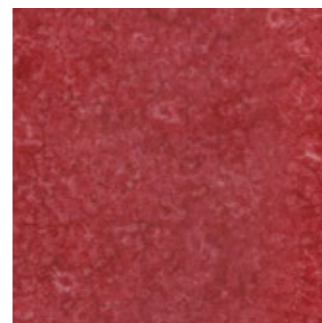
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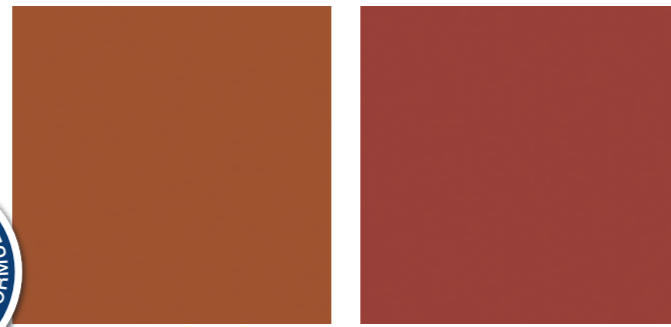


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ACOUSTIC 7

# ACOUSTIC 43 UNI



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1008-275

2028-275



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7410-275

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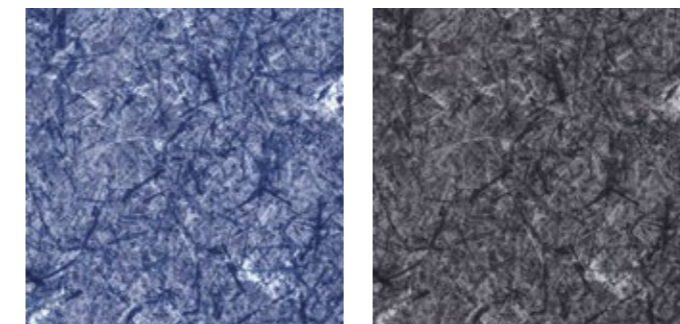
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# ACOUSTIC 7 RICEPAPER

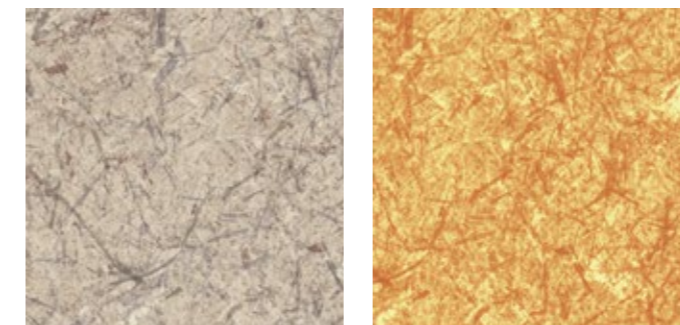


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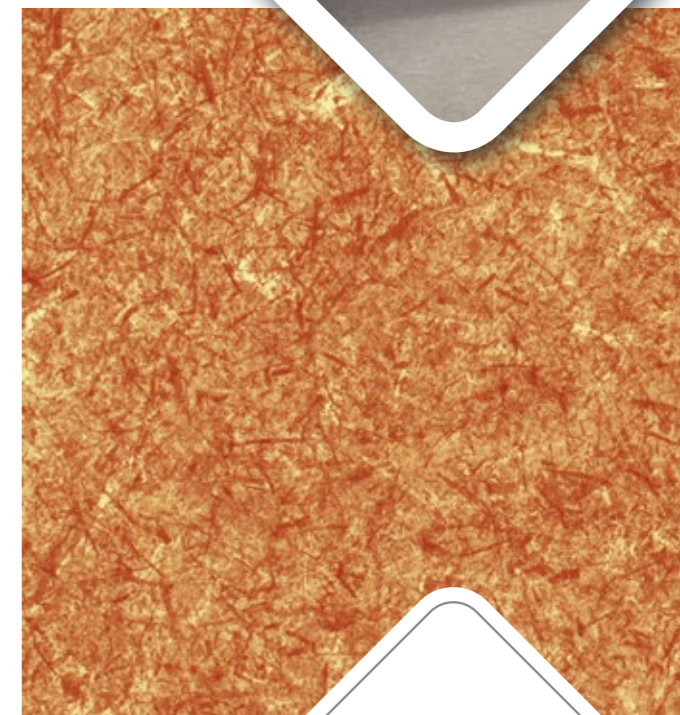
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379-668-273



379-656-273

379-664-273



379-665-273



ACOUSTIC 7

# ACOUSTIC STANDART

## PERFORMANCE, FEATURES & BENEFITS

Good acoustic properties ( $\geq 14$  dB),  
Good foot comfort, Dimensionally stable,  
Dirt repellent, Anti-bacterial,  
7 year warranty

## RECOMMENDED USAGE

Education | Corporate | Hospitality  
| Healthcare | Anywhere acoustical  
property is needed



### DESCRIPTION

Construction	heterogeneous	
Total thickness	EN ISO 24346	2,5 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2/4 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,4 kg/m <sup>2</sup>

### CLASSIFICATION

European classification	EN 685	class: 34/43
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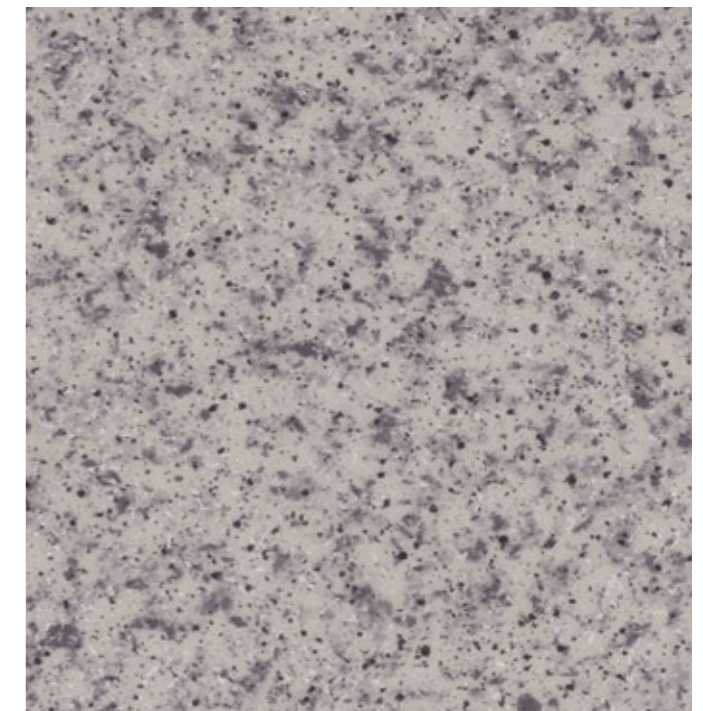
### PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Cfl-s1
Impact sound reduction	EN ISO 717-2	$\Delta L_w = 14$ dB
Slip resistance	DIN 51130	R9
Electrical resistance	EN 1815	< 2 kV
	EN 1081	$\leq 10^{10} \Omega$
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO 846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Anti bacterial and fungicid treatment	graboSAN	
Seaming method	hot or cold welding	
Warranty	7 year	

# ACOUSTIC STANDART METAL



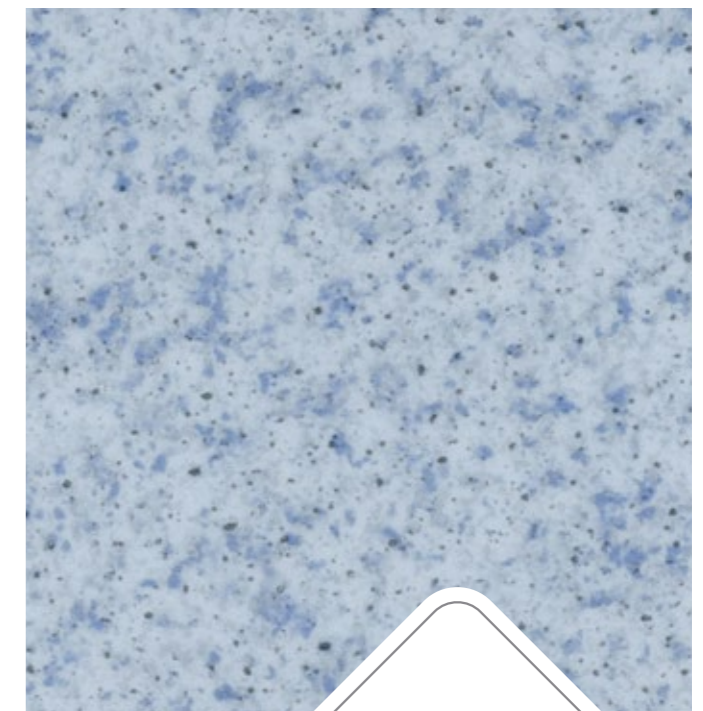
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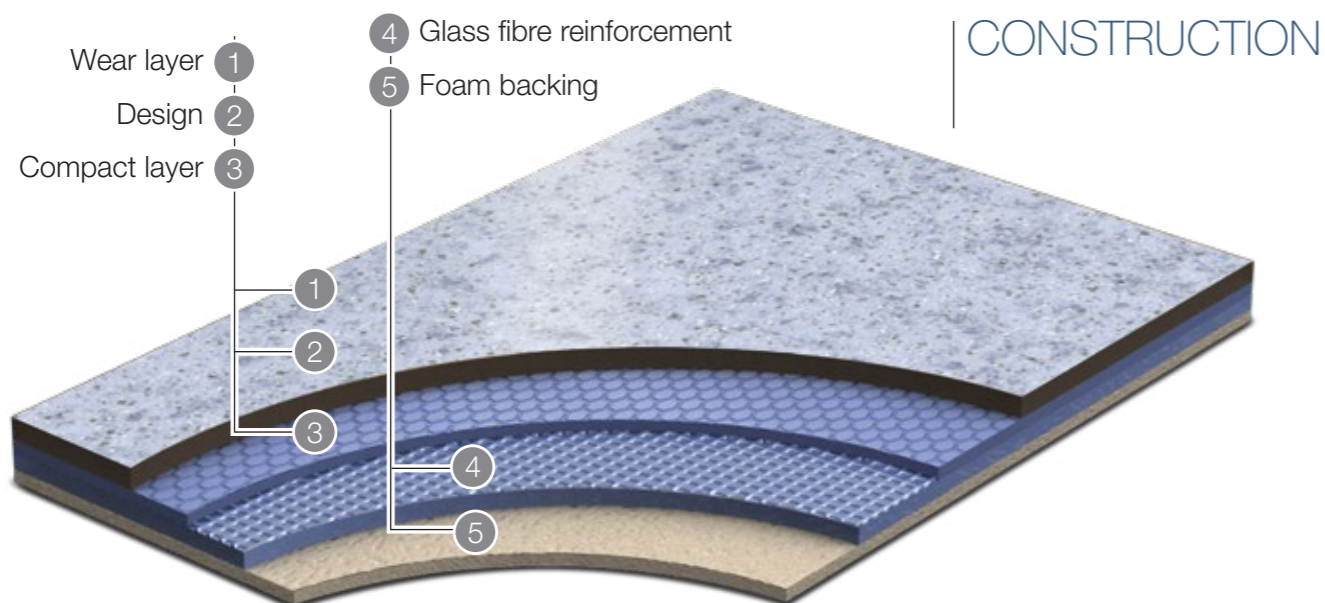
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4564-473



4564-477



ACOUSTIC  
STANDART

# ECOSAFE

## PERFORMANCE, FEATURES & BENEFITS

Excellent slip resistance, Cost effective, Great color range, Dimensionally stable, Anti-bacterial, 7 year warranty

## RECOMMENDED USAGE

Wet areas | Ramps | Food prep areas  
Anywhere safety floor is needed



### DESCRIPTION

Construction	compact heterogeneous	
Total thickness	EN ISO 24346	2,0 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,7 kg/m <sup>2</sup>

### CLASSIFICATION

European classification	EN 685	class: 34/43
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### PERFORMANCE

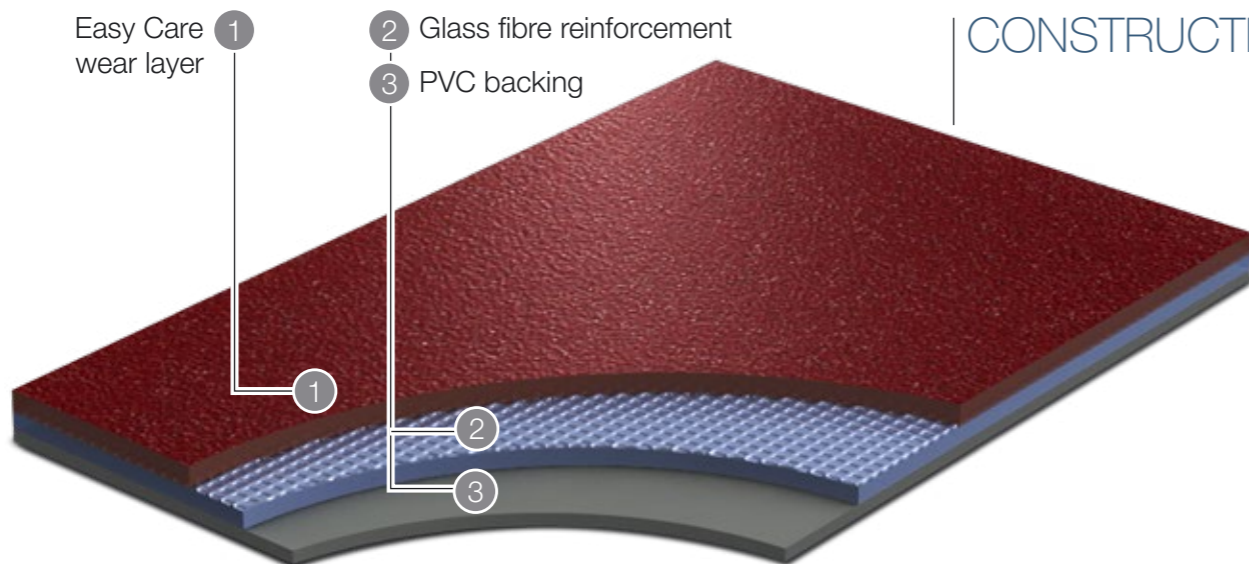
Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1
	DIN 4102/ÖNORM	class: B1
	ASTM E 648/662	class: Class1/pass
	Gost 30402-94	class: G1
Slip resistance	DIN 51130	R10
	ASTM D2047-99	dry: 0,92/wet: 0,84
	EN 13893	class: DS
	RRL Pendulum Test	>36 (wet test)
Abrasion resistance (H-18 wheel)	ASTM D3884-01	-0,19 g/1000 circle
Abrasion resistance	ISO 9352	-0,25 g/1000 circle
Chemical resistance	EN ISO 26987	✓
	ASTM F925-02	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment	Easy Care	
Anti bacterial and fungicid treatment	graboSAN	
Seaming methot	hot or cold welding	
Warranty	7 year	



Easy Care wear layer

2 Glass fibre reinforcement  
3 PVC backing

## CONSTRUCTION



ECOSAFE

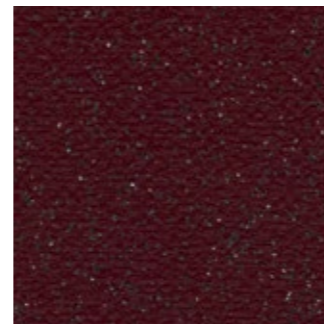
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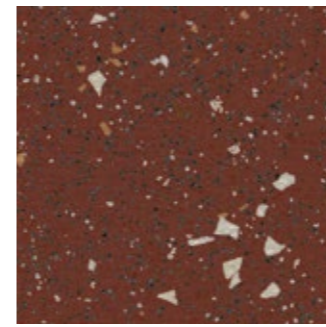
SOLVENT FREE

grabo SAN minimize the growth of microorganisms

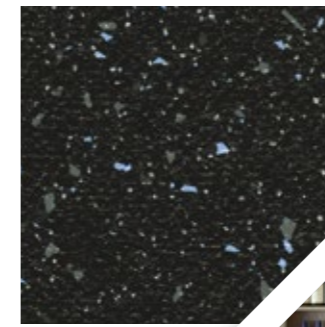
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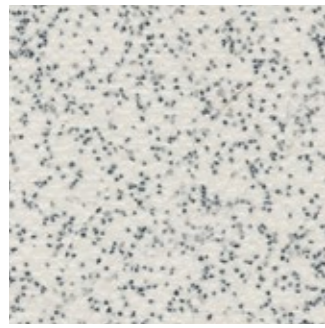
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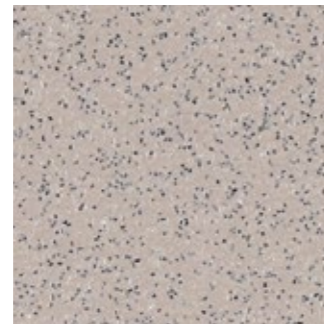
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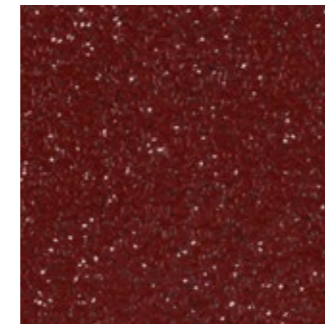
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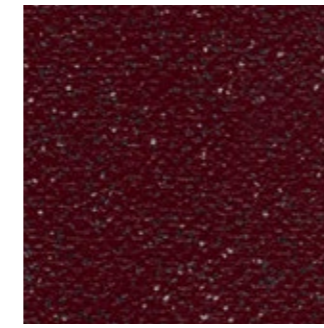
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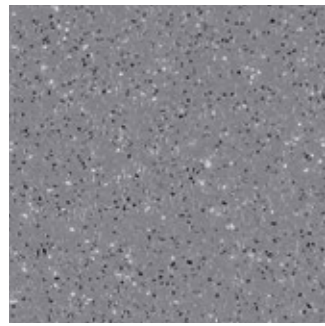
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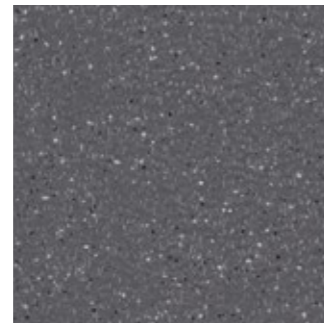
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4740-20-279



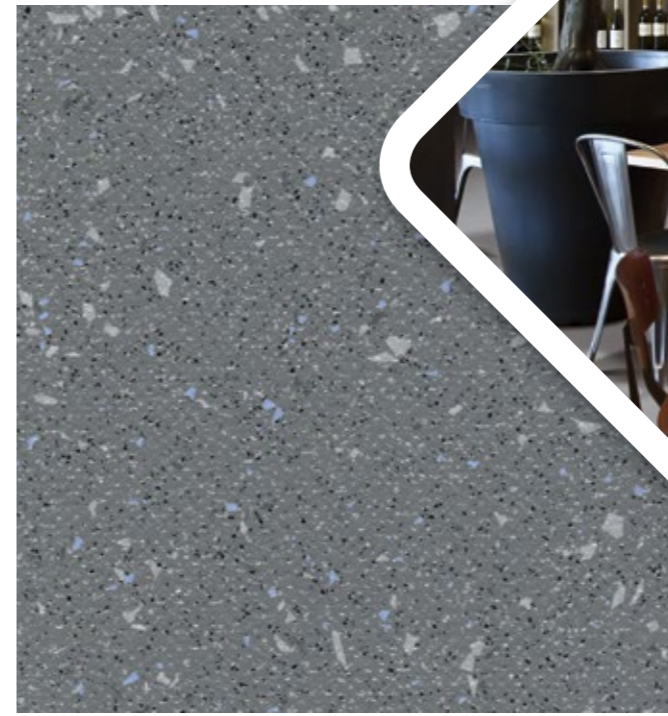
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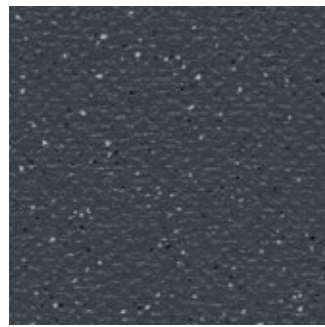
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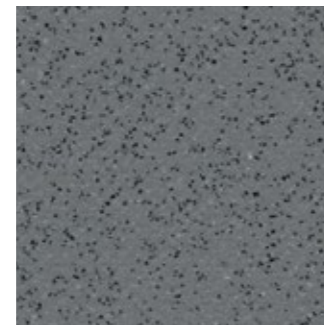
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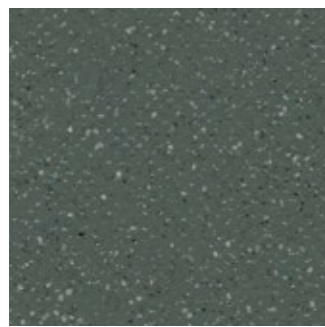
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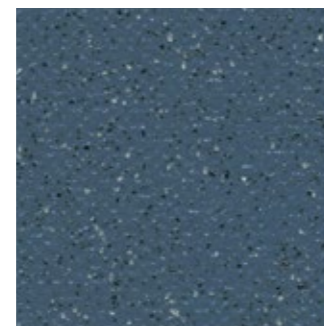
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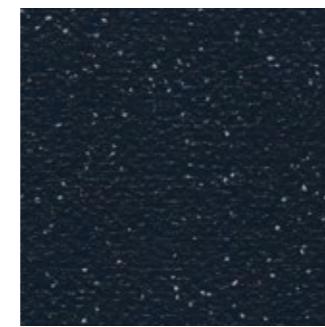
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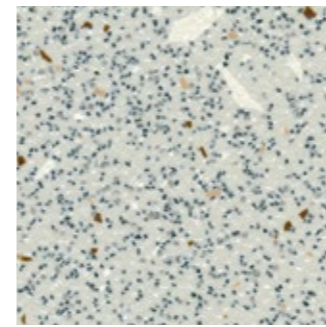
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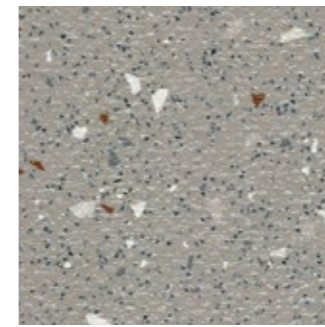
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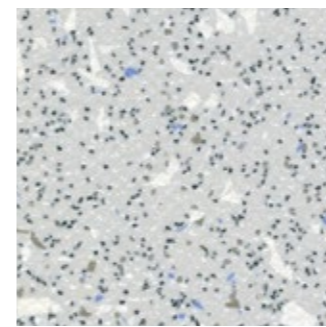
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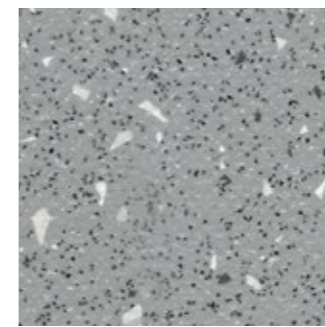
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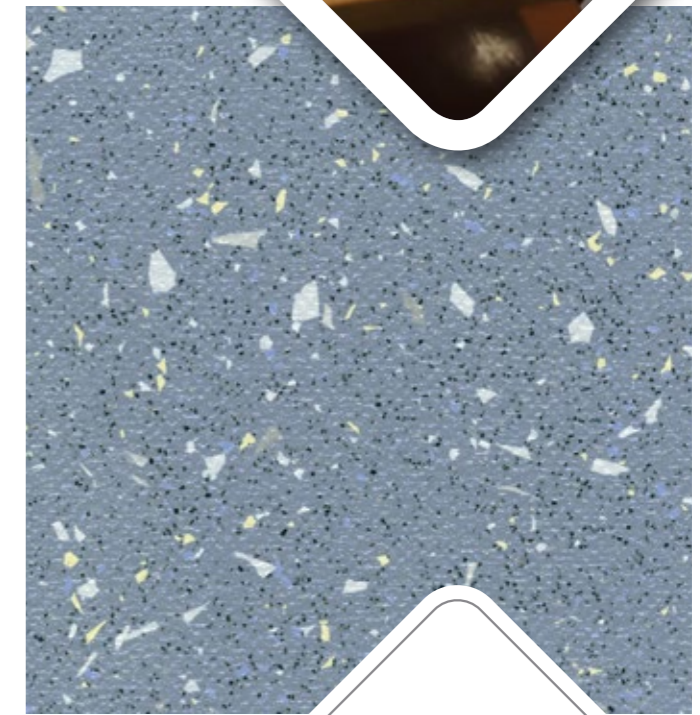
2954-659



1204-663



1341-662



6123-661



ECOSAFE

# GRABOSAFE 20 JSK

## PERFORMANCE, FEATURES & BENEFITS

Excellent slip resistance,  
Excellent durability, Dimensionally stable,  
Ant-bacterial, 10 year warranty

## RECOMMENDED USAGE

Wet areas | Ramps | Food prep areas  
Anywhere safety floor is needed



### DESCRIPTION

Construction	compact heterogeneous	
Total thickness	EN ISO 24346	2,0 mm
Wear layer thickness	EN ISO 24340	0,9 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,6 kg/m <sup>2</sup>

### CLASSIFICATION

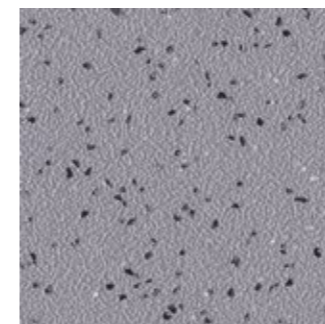
European classification	EN 685	class: 34/43
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### PERFORMANCE

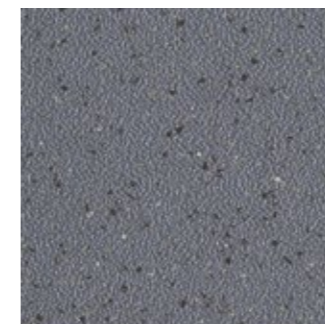
Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Cfl-s1
	BS 476	class: 1
	DIN 4102/ÖNORM	class: B1
	Gost 30402-94	class: G1
Slip resistance	DIN 51130	R10
	DIN 51097	C
	AS/NZS 4586:2004	R11
	EN 13893	class: DS
	Abrasion resistance	ISO 9352
Shore A hardness	ISO 868	90
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment	CLP	
Anti bacterial and fungicid treatment	graboSAN	
Seaming methot	hot or cold welding	
Warranty	10 year	



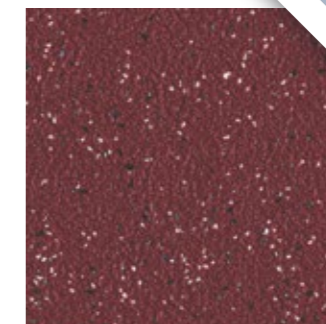
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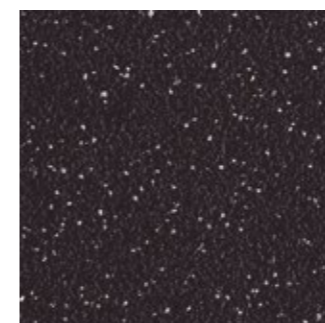
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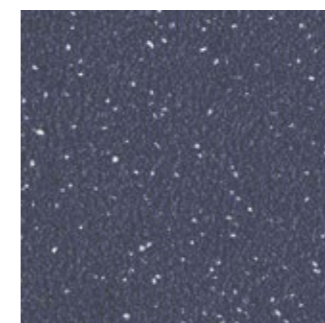
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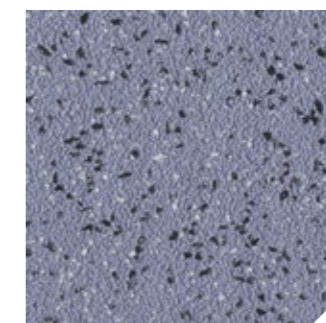
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1991-03



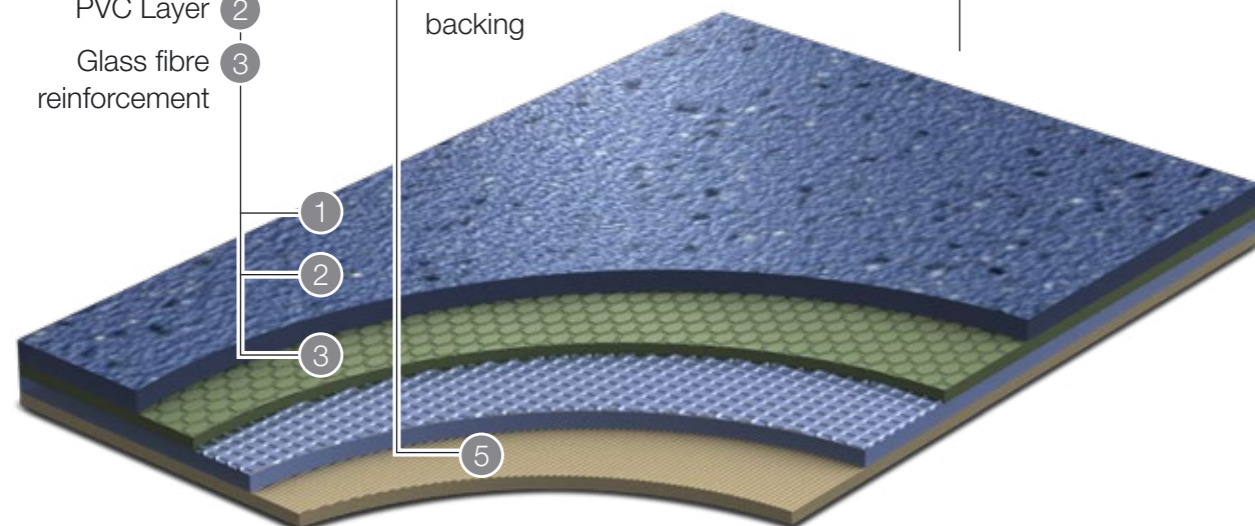
6396-03



6343-03

CLP wear layer 1  
PVC Layer 2  
Glass fibre reinforcement 3

5 Flexyback® non-woven backing



## CONSTRUCTION

GRABOSAFE  
20 JSK

# GRABOSAFE SILVER KNIGHT

## PERFORMANCE, FEATURES & BENEFITS

Destroys harmful bacteria, Excellent slip resistance, Durability, Premium vlies backing, Flexibility, 10 year warranty

## RECOMMENDED USAGE

Healthcare | Education | Entrances  
Receptions | Corridors | Ramps  
Elevators | Kitchens



### DESCRIPTION

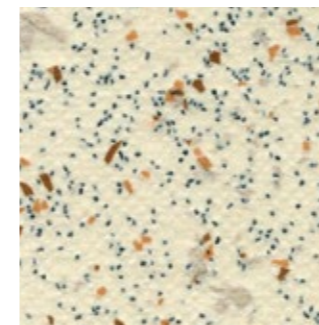
Construction	compact heterogeneous	
Total thickness	EN ISO 24346	2,0 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,6 kg/m <sup>2</sup>

### CLASSIFICATION

European classification	EN 685	class: 34/43
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### PERFORMANCE

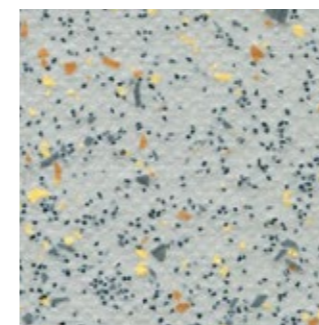
Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	Under testing
Slip resistance	DIN 51130	Under testing
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO846:1999	Under testing
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment	Tech Surface	
Anti bacterial and fungicid treatment	Silver Knight	
Seaming method	hot or cold welding	
Warranty	10 year	



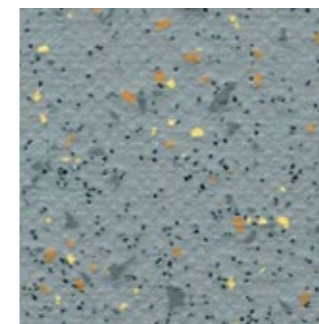
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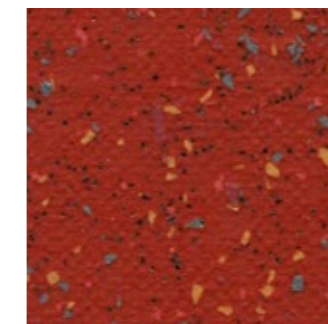
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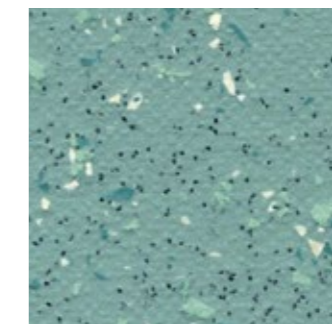
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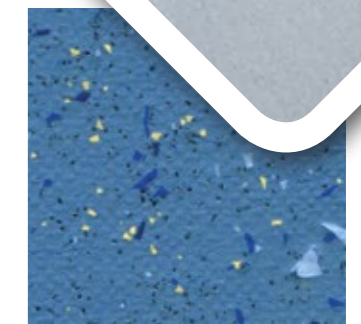
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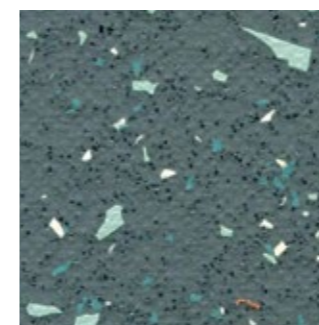
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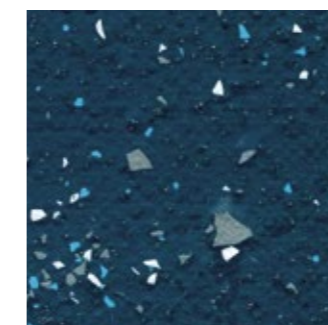
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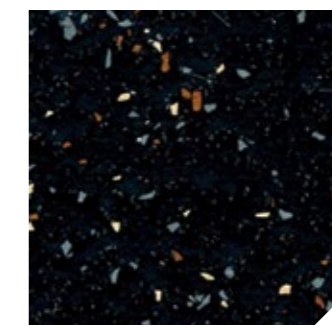
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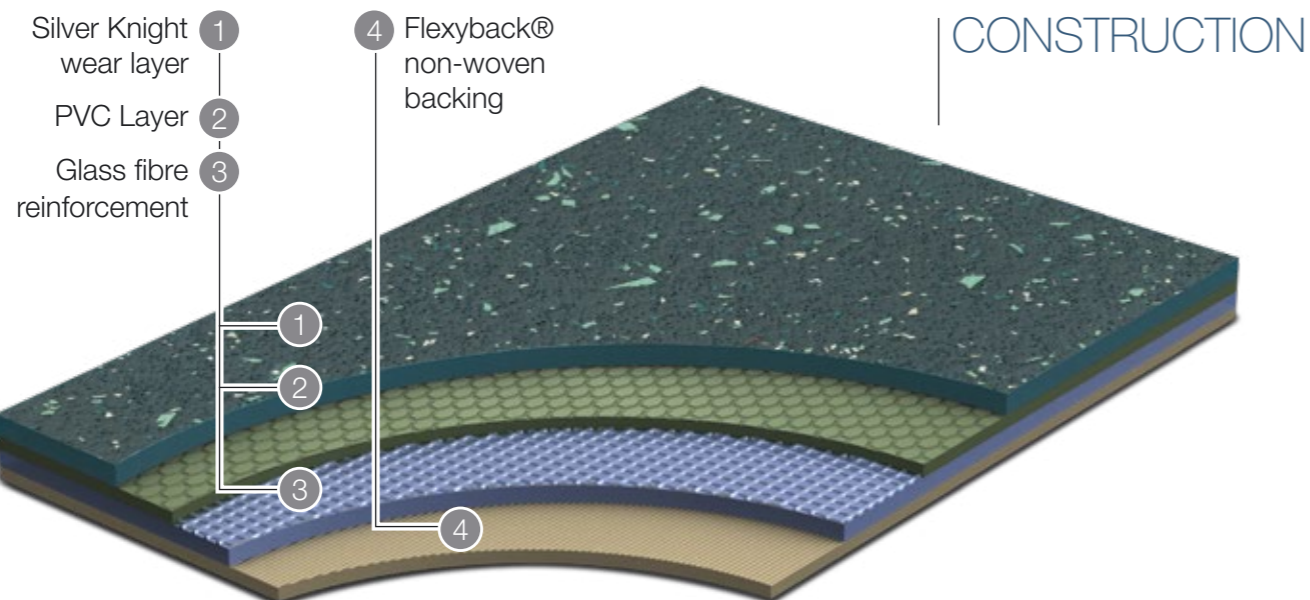
1294-676/17-279



1775-672/17-279



1991-674/17-279



GRABOSAFE SILVER KNIGHT

# SAFEDECOR

## PERFORMANCE, FEATURES & BENEFITS

3 to 5 times stronger than regular sheet vinyl, Highly slip resistance, Extremely scratch resistant, Increased lifespan, Dimensionally stable, Anti-bacterial, 25 year warranty

## RECOMMENDED USAGE

Healthcare | Retail | Hospitality | Offices  
Education | Wet areas | Elevators



### DESCRIPTION

Construction	compact heterogeneous	
Total thickness	EN ISO 24346	2,0 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,6 kg/m <sup>2</sup>

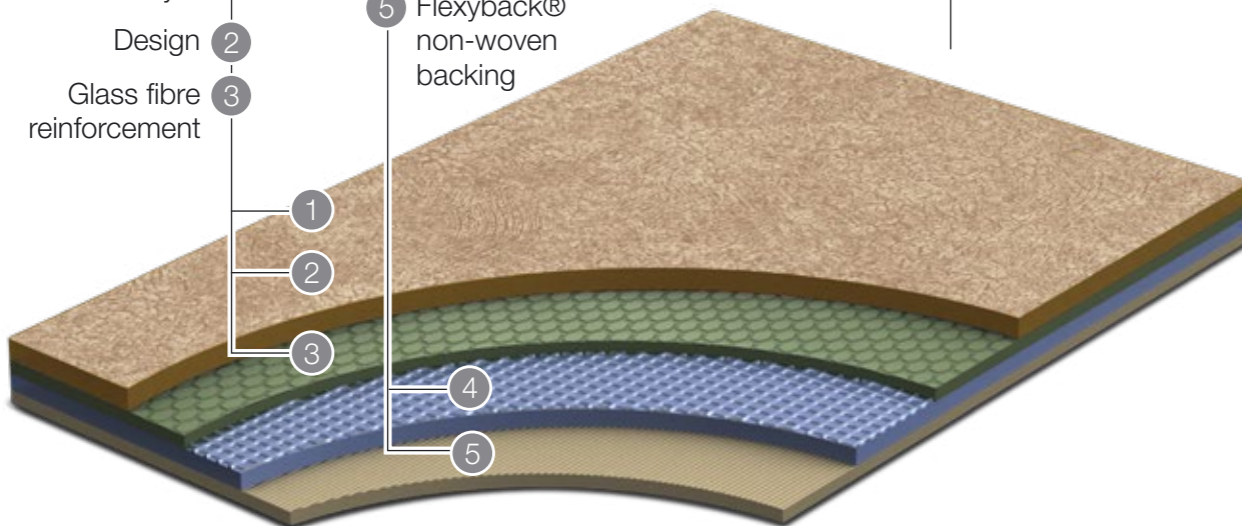
### CLASSIFICATION

European classification	EN 685	class: 34/43
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### PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1
	ASTM E 648/662	class: Class1/pass
	Gost 30402-94	class: G1
Slip resistance	DIN 51130	R10
	BS 7976 Part 2	dry: 68/wet: 43
	ASTM D2047-99	dry: 0,96/wet: 0,89
	EN 13893	class: DS
Abrasion resistance	ISO 9352	-0,25 g/1000 circle
	ASTM D3884-01	-1,04 g/100 000 c.
Chemical resistance	EN ISO 26987	✓
	ASTM F925-02	✓
Bacterial resistance	EN ISO 846:1999	✓
Light fastness	EN ISO 105-B02	grade 6
Castor chair resistance	EN 425	✓
Surface treatment	TECHSurface	
Anti bacterial and fungicid treatment	graboSAN	
Seaming methot	hot or cold welding	
Warranty	25 year	

- 1 Tech Surface wear layer
- 2 Design
- 3 Glass fibre reinforcement
- 4 Compact layer
- 5 Flexyback® non-woven backing



## CONSTRUCTION



SAFEDECOR



# SAFEDECOR NATURAL



2519-371-762-228



2037-371-751-228

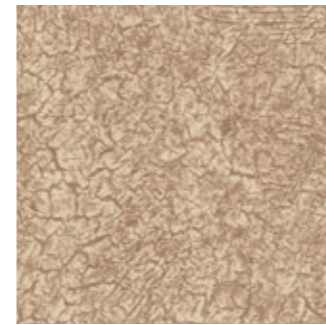


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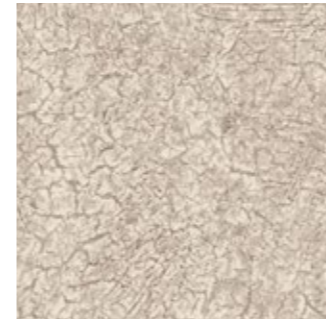
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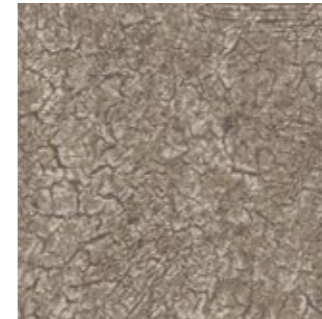
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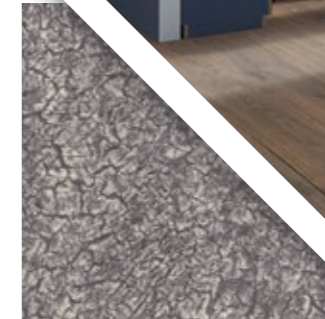
375-777-228



375-783-228



375-779-228



375-757-228



375-756-228



375-759-228



SAFEDECOR

# DIAMOND STANDART

## PERFORMANCE, FEATURES & BENEFITS

2/4 meter widths, cost effective,  
Broad color range, Great patterns,  
High residual indentation, Dimensionally  
stable, Anti-bacterial, Antistatic,  
10 year warranty

## RECOMMENDED USAGE

Education | Healthcare | Retail  
Hospitality | Offices



### DESCRIPTION

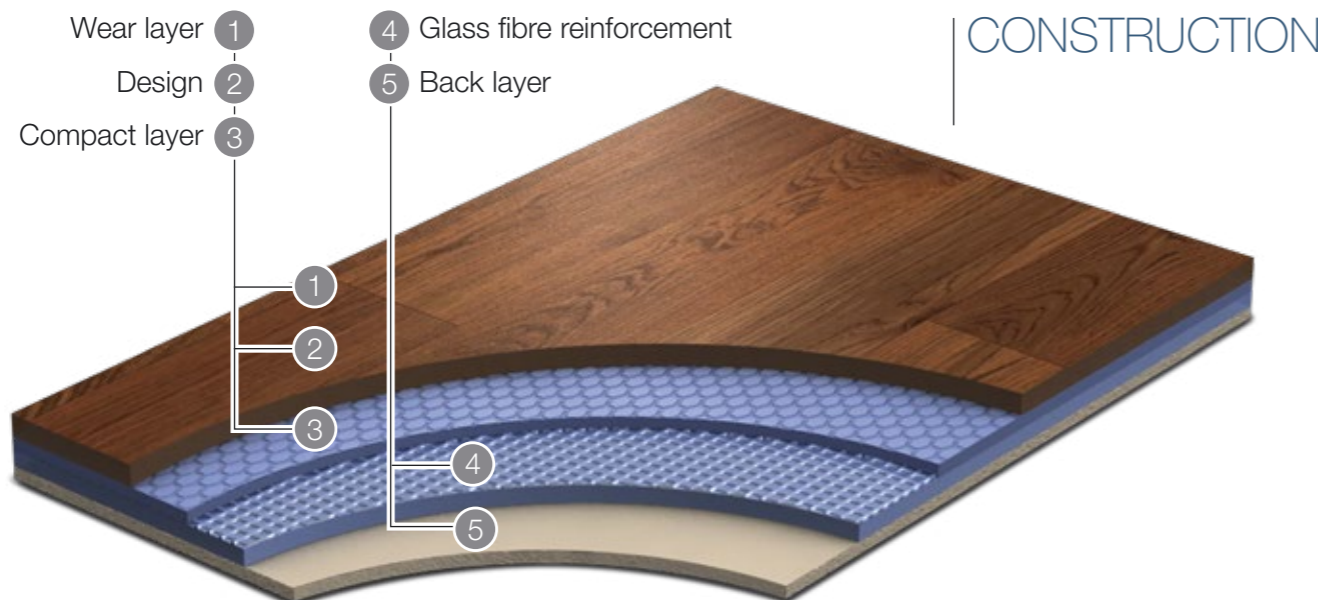
Construction	compact heterogeneous	
Total thickness	EN ISO 24346	2,0 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2/4 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,2 kg/m <sup>2</sup>

### CLASSIFICATION

European classification	EN 685	class: 34/43
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### PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1
	DIN 4102/ÖNORM	class: B1
	Gost 30402-94	class: G1
Slip resistance	DIN 51130	R9
	EN 13893	class: DS
Electrical resistance	EN 1815	< 2 kV
	EN 1081	≤ 10 <sup>9</sup> Ω
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN 425	✓
Anti bacterial and fungicid treatment	graboSAN	
Seaming method	hot or cold welding	
Warranty	10 year	



DIAMOND  
STANDART

# DIAMOND STANDART EVOLUTION



4253-453



4253-452



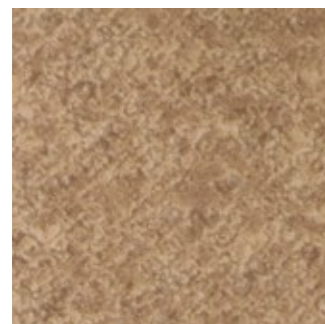
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4253-454



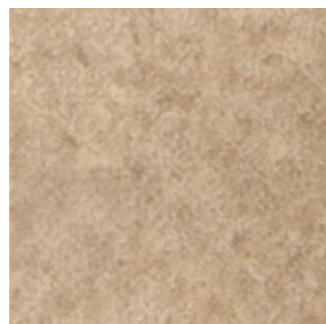
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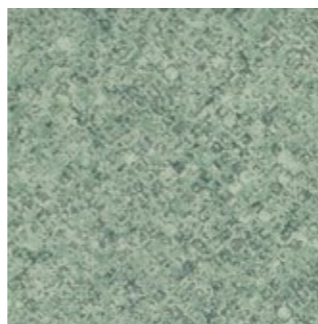
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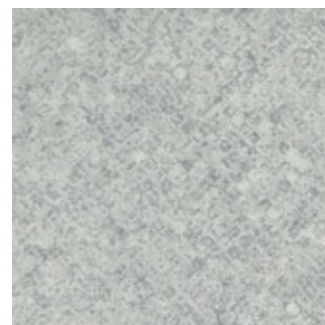
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4253-471



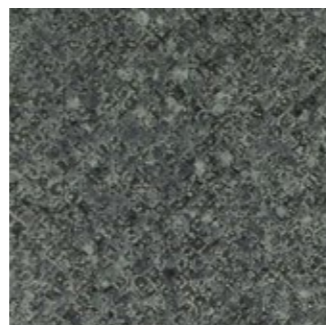
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4253-469



4253-458

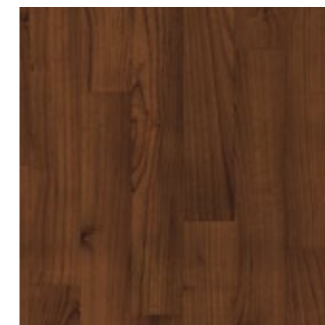


4253-457

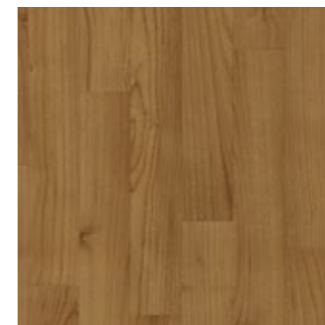


4253-456

# DIAMOND STANDART EVOLUTION NATURAL



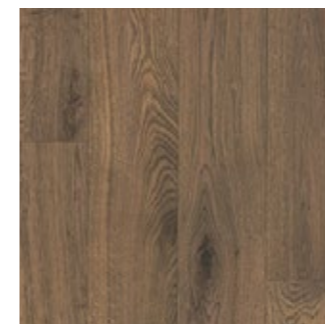
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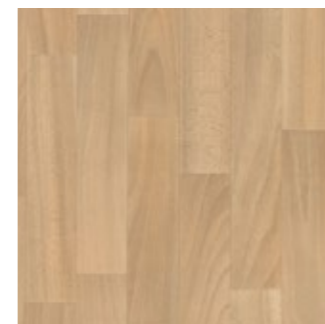
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4159-471



4181-468



4179-452



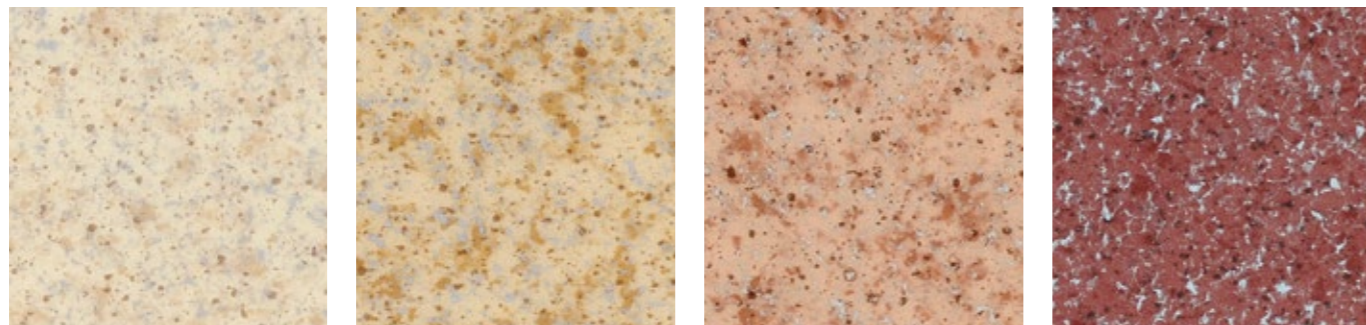
4159-473



4159-472

DIAMOND  
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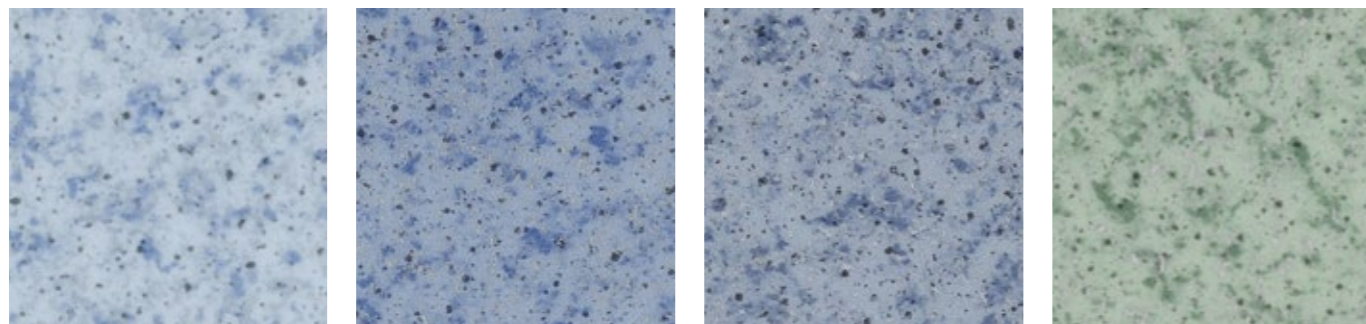
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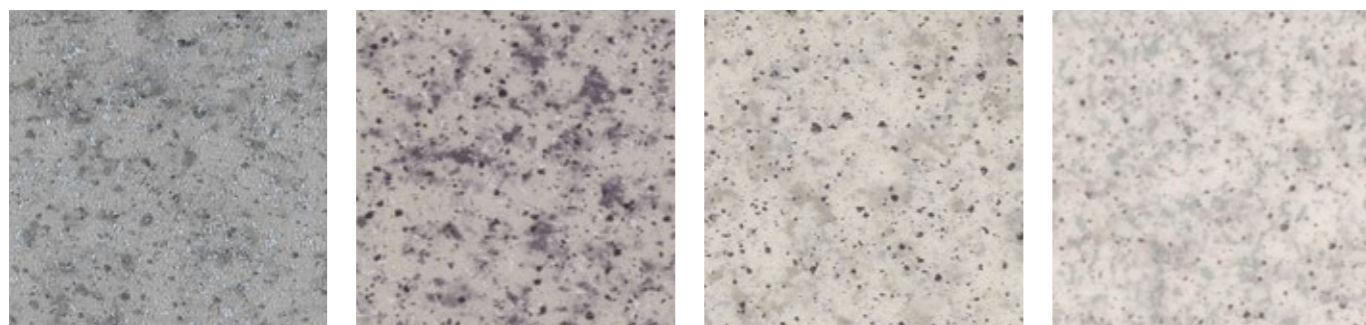
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4564-493      4564-494      4564-495      4564-475



4564-477      4564-471      4564-472      4564-460

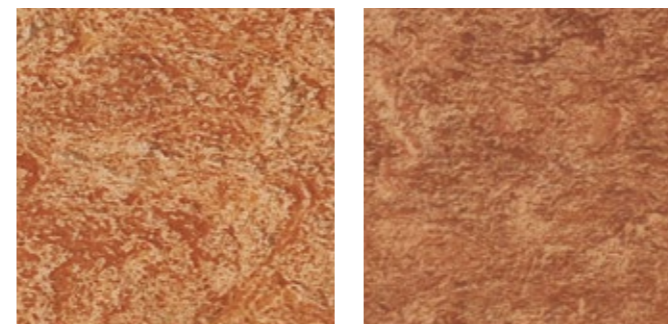


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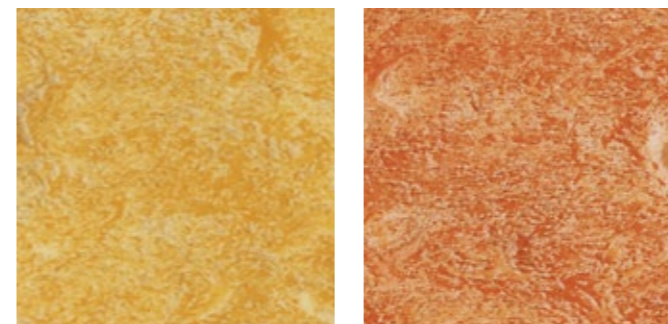
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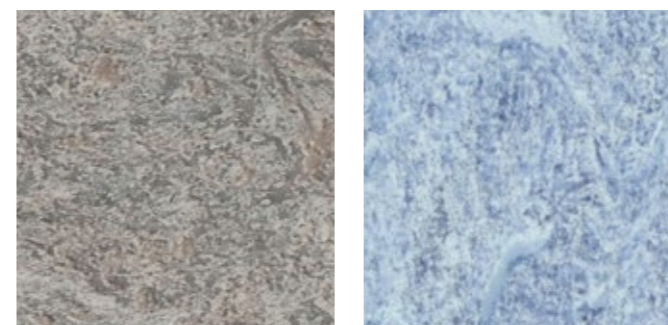
4213-469-4      4213-470-4



4213-453-4      4213-455-4      4213-475-4



4213-464-4      4213-465-4



4213-456-4      4213-479-4      4213-463-4



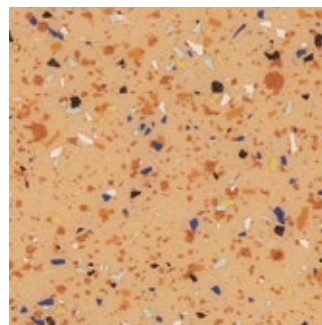
DIAMOND  
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# DIAMOND STANDART PLAZA

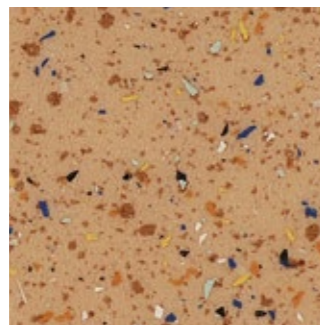
grabo  
SAN  
minimize  
the growth of  
microorganisms

SOLVENT  
FREE

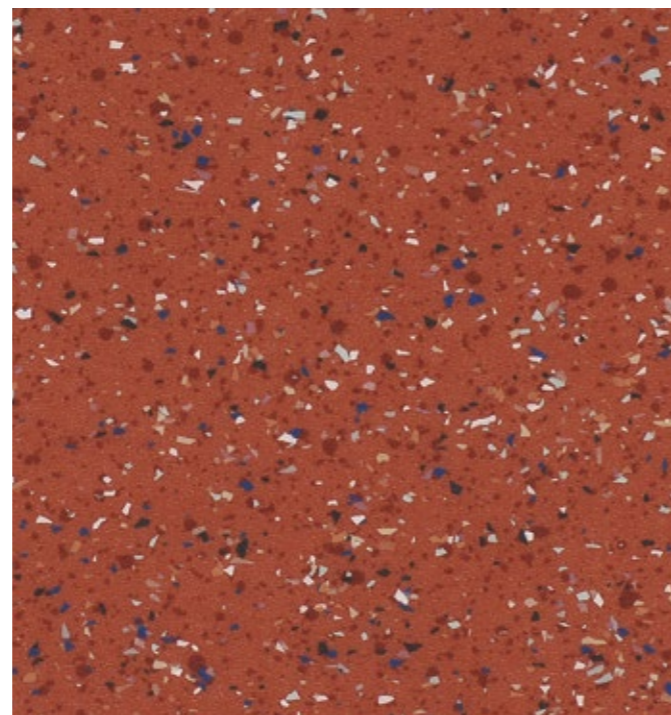
NOI  
WAXI



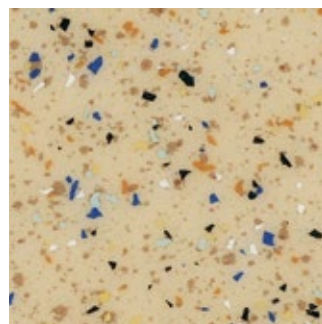
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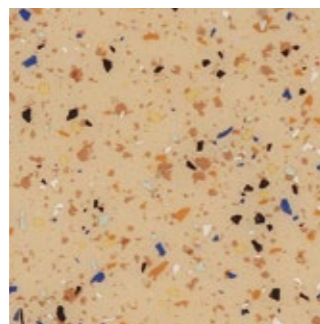
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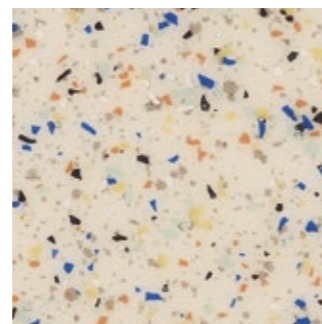
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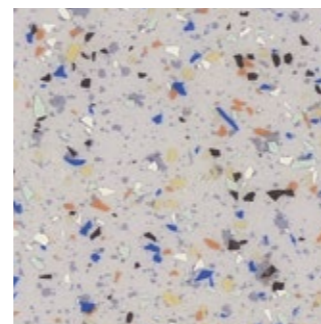
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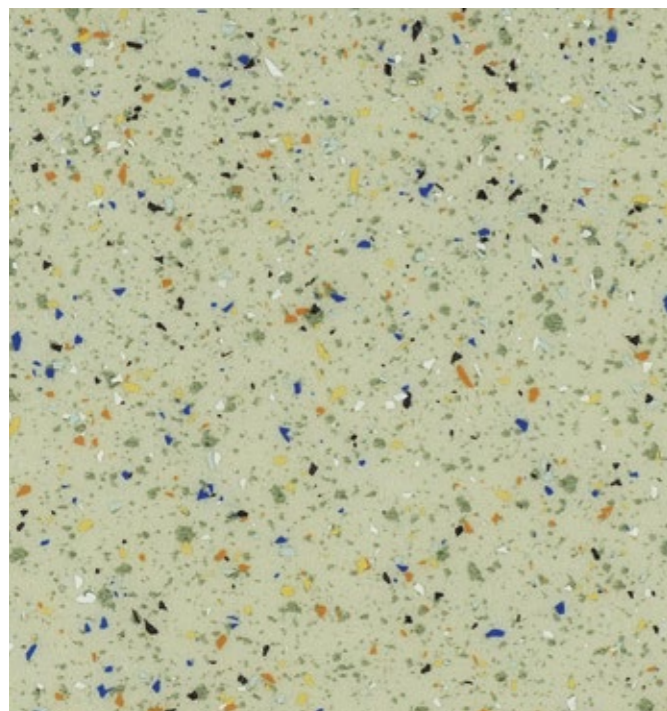
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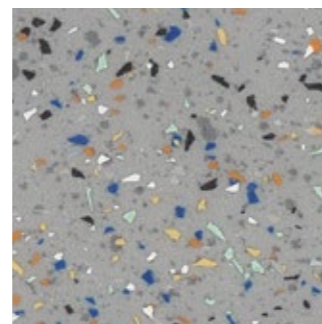
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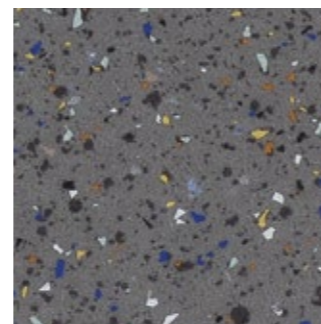
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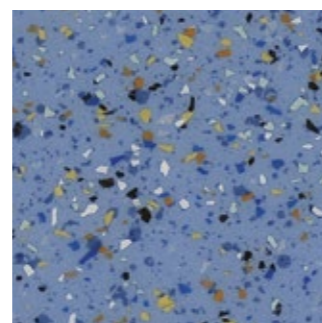
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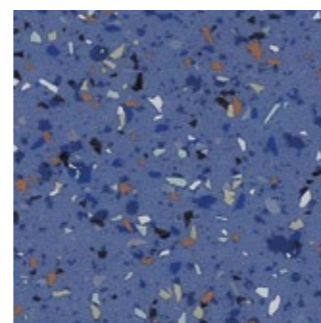
4115-457-06



4115-468-06



4115-459-06



4115-469-06



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