



GRABO

HEALTHCARE

VINYL FLOORINGS

2018



GRABO
HEALTHCARE



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HEALTHCARE

VINYL FLOORINGS

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GRABO
HEALTHCARE



GRABO

HEALTHCARE

VINYL FLOORINGS



We're excited to introduce our new Grabo's 2018 HEALTHCARE catalogue, in that you can find all about our heterogeneous and homogeneous floor and wall covering products recommended for hospitals, clinics, care homes and other healthcare facilities.

WHY GRABO?

• TRADITION

Graboplast Ltd is one of the biggest independent floor covering manufacturer company in Central-Europe with over 110 years of experience.

• FLEXIBILITY

The key factor of this long-term success is the ability to develop the products that would meet the always changing market requirements.

• INNOVATION

Our production is based exclusively on our own technologies and unique production processes developed and improved continuously by our R&D.

• QUALITY

The life-long commitment to quality is the basis of stable and reliable business partnership we offer to our clients all around the world.

• SUSTAINABILITY

The Graboplast Company takes considerable efforts to maintain a healthy environment for both its employees and people living around.



GLOBAL PRESENCE

More than 80 countries and 650 partners



GRABO
HEALTHCARE

ENVIRONMENTAL ATTRIBUTES OF GRABO VINYL 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.



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. Thanks to the photocatalytic disinfecting surface Grabo Silver Knight is a perfect solution for the healthcare industries' most pressing issue, the infection control. Its' disinfecting activity is achieved by a unique double-defense-line of NanoSilver and NanoTiO₂ particles. Independent laboratory testing has certified that Grabo Silver Knight eliminates more than 99% of various types of viable bacteria hence creating a safer healthcare environment.



iGUARD PUR SURFACE

UV cured, cross linked Polyurethane reinforcement which ensures easy cleaning and durability. No additional surface treatment needed for the whole lifetime of the product.



TECH SURFACE

Extreme durability due to PUR and micronized Al₂O₃ 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.



GRABOSAN

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.



GRABO
HEALTHCARE

GRABO'S RECOMMENDATION



GRABO'S RECOMMENDATION

ENTRANCE AREAS	HEAVY TRAFFIC AREAS	WARDS, ROOMS	INTENSIVE CARE, DIAGNOSTICS	STUFF SUPPORT PLACES	WET AREAS	PUBLIC AREAS	REHABILITATION
Entrance Reception, lobby Nurse desk	Corridors Waiting rooms Stairwells Ramps/elevators	Patient rooms Bedrooms Children wards	Theatres X-Ray Intensive care Laboratories	On-call rooms Lockers Storage rooms Offices Training rooms	Kitchen Laundry Bathroom/toilet	Meeting rooms Dining rooms Cafeteria Shops	Physiotherapy Sport areas
REQUIREMENTS <ul style="list-style-type: none"> • Durability, increased lifespan • Slip resistance • Reassuring atmosphere • Efficient cleaning 	REQUIREMENTS <ul style="list-style-type: none"> • Excellent durability • Low impact resistance • Easy maintenance • Fire safety 	REQUIREMENTS <ul style="list-style-type: none"> • Hygiene • Underfoot comfort • Chemical resistance, easy cleaning • Good indoor air quality 	REQUIREMENTS <ul style="list-style-type: none"> • Electrostatically dissipative/conductive floors • Low impact resistance • Resistance to surface disinfectants 	REQUIREMENTS <ul style="list-style-type: none"> • High wear resistance • Low impact resistance • Visual comfort, aesthetics 	REQUIREMENTS <ul style="list-style-type: none"> • Slip resistant surface • Easy maintenance • Good chemical and stain resistance 	REQUIREMENTS <ul style="list-style-type: none"> • High traffic resistance • Attractive design • Excellent stain resistance 	REQUIREMENTS <ul style="list-style-type: none"> • Efficient joint and cartilage protection • Underfoot comfort • Hygiene
PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • GraboSafe • Silver Knight Natural • GraboSafe • Silver Knight Chips • PlankIT • Fortis 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • Fortis • Silver Knight • Diamond Tech Silk • Silver Knight • Diamond Tech Rock • Silver Knight • Diamond Tech Uni • Muravyl wallcovering 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • Silver Knight • Diamond Tech Silk • Silver Knight • Diamond Tech Rock • Silver Knight • Diamond Tech Uni • Fortis • Muravyl wallcovering 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • Conducto • Silver Knight • Diamond Tech Silk • Silver Knight • Diamond Tech Rock • Silver Knight • Diamond Tech Uni • Muravyl wallcovering 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • Silver Knight • Diamond Tech Natural • Silver Knight • Diamond Tech Rock • PlankIT 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • GraboSafe • Silver Knight Natural • GraboSafe • Silver Knight Chips • Fortis 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • Silver Knight • Diamond Tech Natural • Silver Knight • Diamond Tech Rock • PlankIT • Fortis 	PRODUCT RECOMMENDATIONS <ul style="list-style-type: none"> • Silver Knight • Acoustic 7 Silk • Silver Knight • Acoustic 7 Natural • Sport floorings*
BEST CHOICE <ul style="list-style-type: none"> • GraboSafe • Silver Knight Natural 	BEST CHOICE <ul style="list-style-type: none"> • Fortis • Muravyl wallcovering 	BEST CHOICE <ul style="list-style-type: none"> • Silver Knight • Diamond Tech Silk • Muravyl wallcovering 	BEST CHOICE <ul style="list-style-type: none"> • Conducto • Fortis • Muravyl wallcovering 	BEST CHOICE <ul style="list-style-type: none"> • Silver Knight • Diamond Tech Natural • PlankIT 	BEST CHOICE <ul style="list-style-type: none"> • GraboSafe • Silver Knight Chips 	BEST CHOICE <ul style="list-style-type: none"> • PlankIT • Muravyl wallcovering 	BEST CHOICE <ul style="list-style-type: none"> • Silver Knight • Acoustic 7 Natural • Sport floorings*
							

*Please ask our representative

GRABO
HEALTHCARE

FORTIS

HIGH PERFORMANCE,
NON-DIRECTIONAL
HOMOGENEOUS
FLOOR COVERING



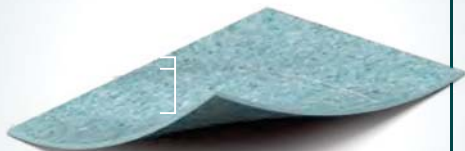
PERFORMANCE, FEATURES & BENEFITS

Excellent abrasion resistance, Unique non-directional design, Low residual indentation
Easy cleaning and maintenance thanks to iGuard PUR Surface, Anti-bacterial, Antistatic

RECOMMENDED USAGE

Corridors | Waiting rooms | Patient rooms

CONSTRUCTION



iGuard PUR Surface
Non-directional
homogeneous layer

DESCRIPTION

Construction		homogeneous
Binder content	EN ISO 10581	Type I.
Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,8 kg/m ²

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. 0.4 %
Fire resistance	EN 13501-1	class: Bfl-s1
Slip resistance	DIN 51130	R9
	EN 13893	class: DS
Electrical resistance	EN 1815	< 2 kV
Chemical resistance	EN ISO 26987	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN ISO 4918	✓
Hygiene		bacterial resistant
Seaming method		hot or cold welding
Warranty		10 year



GRABO
HEALTHCARE

FORTIS



SILVER



TOBACCO



SAND



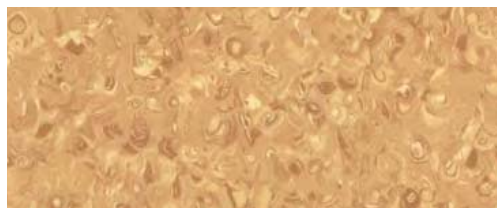
CANARI



CARAMEL



GOLD



KORK



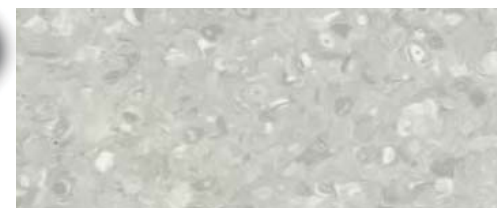
ORANGE



CORAL



MOCCA



BONE



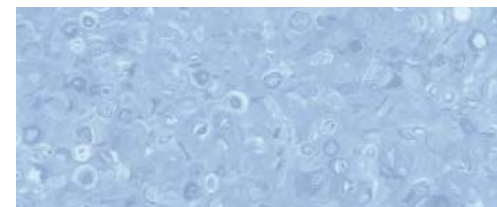
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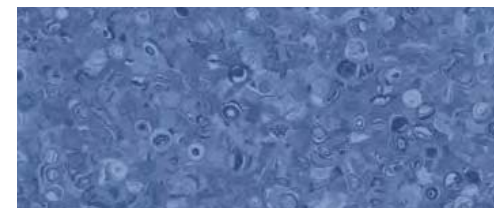
FOG



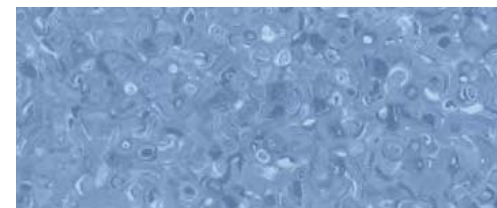
ANTHRACITE



AQUA



INDIGO



COBALT



KIWI



CACTUS

GRABO
HEALTHCARE

CONDUCTO

HIGH PERFORMANCE,
HOMOGENEOUS
FLOOR COVERING
WITH ELECTROSTATIC
CONDUCTIVE
PROPERTIES



ESD
PROTECTION

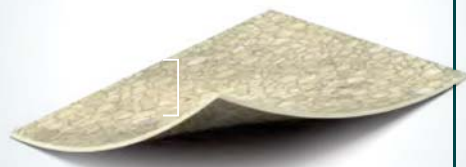
PERFORMANCE, FEATURES & BENEFITS

Guarantees the lasting elimination of electrostatic charges. Due to the highest (group T) wear resistance, Grabo Conducto is a long-term solution. Hinder the aggregation of dust.

RECOMMENDED USAGE

operating rooms in | X-ray departments
Laboratories

CONSTRUCTION



Non-directional
homogeneous layer

DESCRIPTION

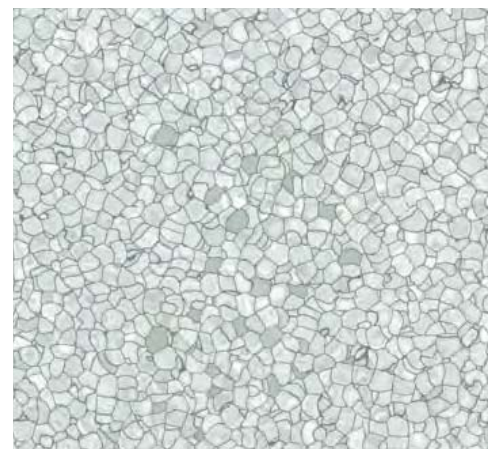
Construction		homogeneous
Binder content	EN ISO 10581	Type I.
Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Tile size	EN ISO 24342	608x608 mm
Total weight	EN ISO 23997	2,85 kg/m²

CLASSIFICATION

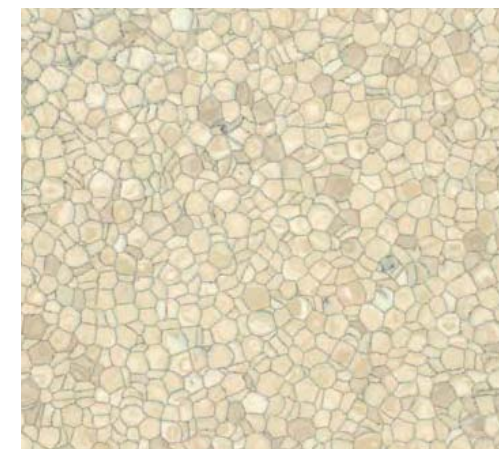
European classification	EN 685	class: 34/43
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PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0.1 mm
Dimensional stability	EN ISO 23999	≤ 0.25 %
Fire resistance	EN 13501-1	class: Bfl-s1
Slip resistance	EN 13893	class: DS
Electrical resistance	EN 1815	< 2 kV
	EN 1081	$R_{\leq 1} \times 10^6 \Omega$
Chemical resistance	EN ISO 26987	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN ISO 4918	✓
Bacteria and fungi resistance	EN ISO 846:1999	does not favour growth
Warranty		10 year



BALANCE



SAFARI



CLOUD

GRABO
HEALTHCARE

SILVER KNIGHT

SELF-DISINFECTING
VINYL SHEET
FLOORING

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

Intensive care | Patient rooms
Corridors

DESCRIPTION		Silver Knight Diamond Tech	Silver Knight Acoustic 7
Construction		compact heterogeneous	heterogeneous
Total thickness	EN ISO 24346	2,0 mm	3,2 mm
Wear layer thickness	EN ISO 24340	0,7 mm	0,7 mm
Width of roll	EN ISO 24341	2 m	2 m
Length of roll	EN ISO 24341	20 lm	20 lm
Total weight	EN ISO 23997	2,8 kg/m²	2,6 kg/m²

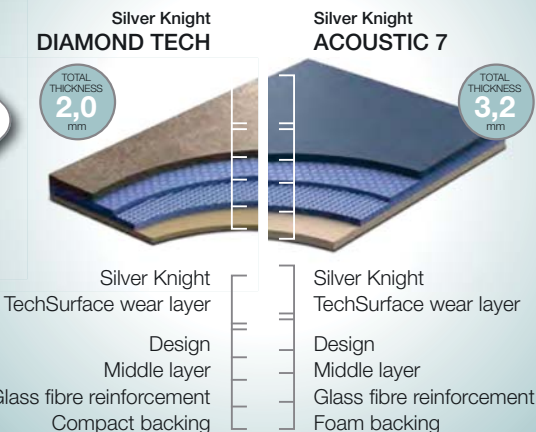
CLASSIFICATION

European classification	EN 685	class: 34/43	class: 34/42
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PERFORMANCE

Abrasion group	EN 660-1	T	T
Residual indentation	EN ISO 24343	max. 0,1 mm	max. 0,2 mm
Dimensional stability	EN ISO 23999	max. 0,2 %	max. 0,2 %
Fire resistance	EN 13501-1	class: Bfl-s1	class: Bfl-s1
	ASTM E 648/ 662	class: Class1	-
	Gost 30402-94	G1	G1
Impact sound reduction	EN ISO 717-2	-	$\Delta L_w = 19$ dB
Slip resistance	DIN 51130	R9	R9
Electrical resistance	EN 1815	< 2 kV	< 2 kV
	EN 1081	$\leq 10^9 \Omega$	$\leq 10^9 \Omega$
Chemical resistance	EN ISO 26987	✓	✓
	ASTM F925-02	✓	✓
Bacterial resistance	EN ISO 846:1999	✓	✓
Antimicrobial activity	ISO 27447	>99 %	>99 %
Light fastness	EN 20105 B02	grade 6	grade 6
Castor chair resistance	EN ISO 4918	✓	✓
Surface treatment		TECHSurface	TECHSurface
Anti bacterial and fungicid treatment		Silver Knight	Silver Knight
Seaming method		hot or cold welding	hot or cold welding
Warranty		15 year	15 year

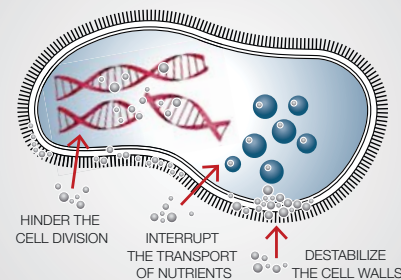
CONSTRUCTION



1ST LINE OF DEFENSE

NanoSilver – bacteria is destroyed without the use of chemicals

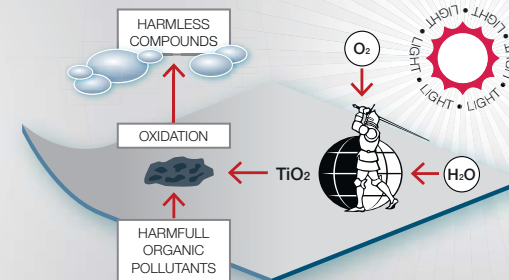
The disinfecting properties of silver have been known for more than 3000 years. The silver destroys or inactivates microbes such as bacteria, fungi and viruses. This effect of silver results from the ongoing slow diffusion of silver ions.



2ND LINE OF DEFENSE

NanoTiO₂ – helps to decompose germs

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



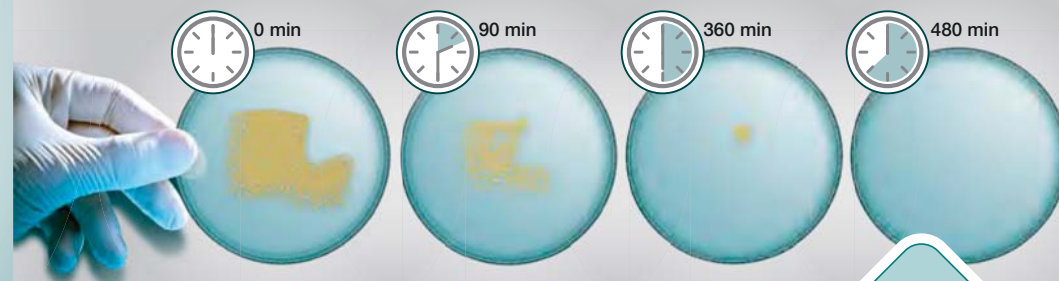
GRABO SILVER KNIGHT IS A LOW-MAINTENANCE AND TROUBLE-FREE FLOORING

More effective infection control with easy cleaning

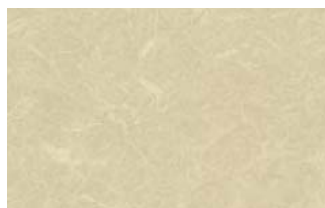
Due to the photocatalytic reaction, the surface energy is increased so dirt adheres less and is easier to remove resulting in use of less cleaning products. Grabo Silver Knight is active round the clock, 24/7, and helps to reduce microbial contamination in between cleanings.

Improve indoor air quality

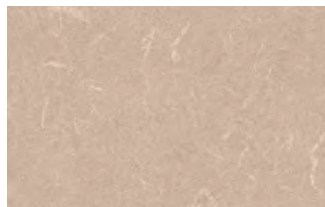
Through photocatalysis odors are decomposed into harmless constituent parts. It works in the same way for pollutants as well, such as nicotine or formaldehyde and unpleasant smells e.g. ammonia or fish odor. Grabo Silver Knight is the ultimate, environmentally sound choice for any facilities.



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HEALTHCARE



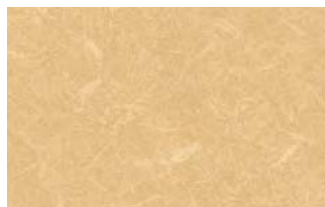
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455-865



455-869



455-867



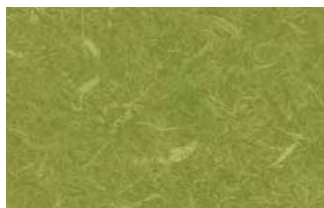
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455-859



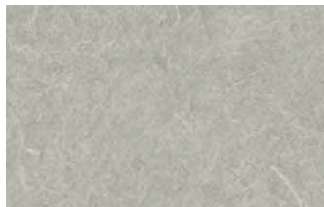
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455-885



455-858



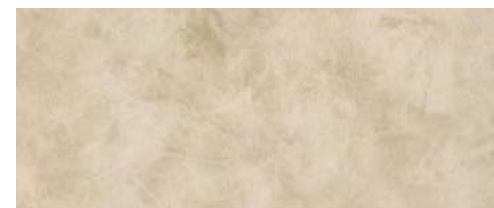
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455-857



386-856



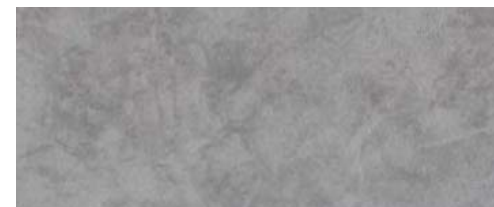
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386-852



386-871



386-857



386-867



386-868



386-869

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HEALTHCARE



2956



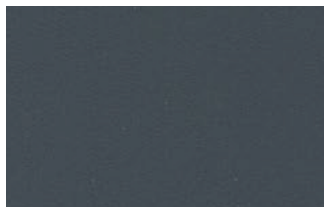
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9170



1343



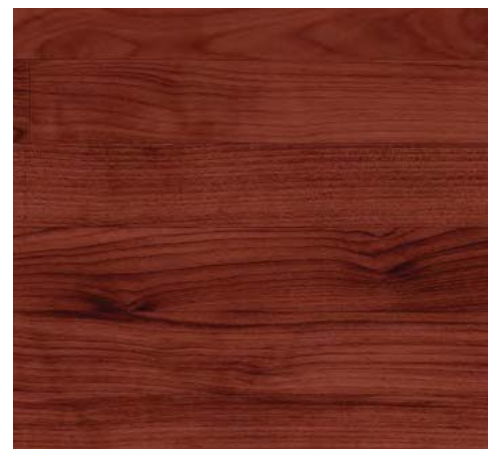
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3258



6108



2075-378



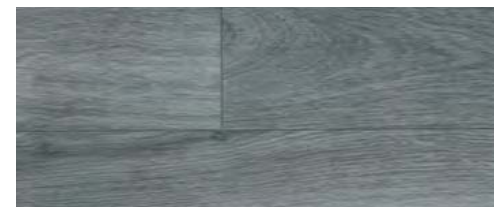
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2561-371



3151-378



1141-371



1151-371



2085-378



2239-371

GRABO
HEALTHCARE



1001-384-870



1001-384-874



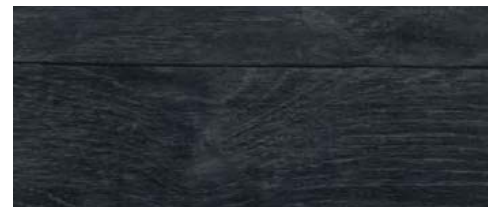
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1243-384-869



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2085-378-856



2075-378-855



2561-371-651



1141-371-868



1151-371-869



2519-371-662



2518-371-871



2239-371-855



GRABO
HEALTHCARE

GRABOSAFE SILVER KNIGHT

GRABOSAFE SILVER KNIGHT CHIPS



HIGH PERFORMANCE
SAFETY
FLOOR COVERING

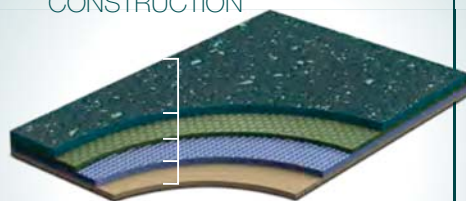
PERFORMANCE, FEATURES & BENEFITS

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

RECOMMENDED USAGE

Entrance | Wet areas | Corridors | Elevators |

CONSTRUCTION



Silver Knight
Tech Surface wear layer
PVC Layer
Glass fibre reinforcement
Flexyback®
non-woven backing

DESCRIPTION

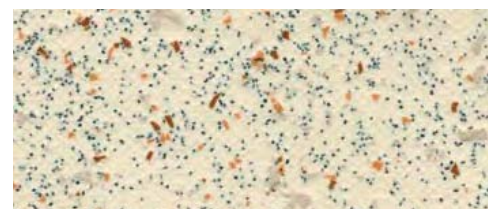
Construction		compact heterogeneous
Total thickness	EN ISO 24346	2,0 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	20 lm
Total weight	EN ISO 23997	2,6 kg/m²

CLASSIFICATION

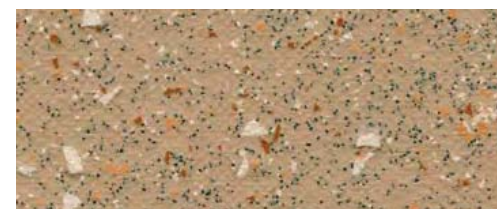
European classification	EN 685	class: 34/43
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PERFORMANCE

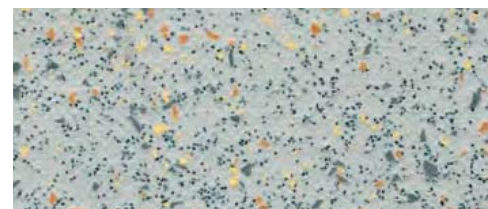
Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Fire resistance	EN 13501-1	Bfl-s
Slip resistance	RRL Pendulum Test	>36 (wet test)
	DIN 51130	R10
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO 846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN ISO 4918	✓
Surface treatment		Tech Surface
Anti bacterial and fungicid treatment		Silver Knight
Seaming method		hot or cold welding
Warranty		10 year



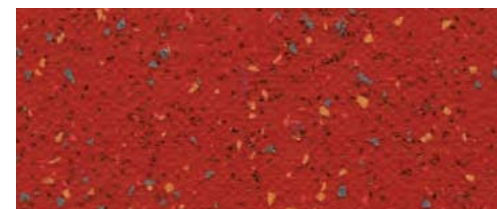
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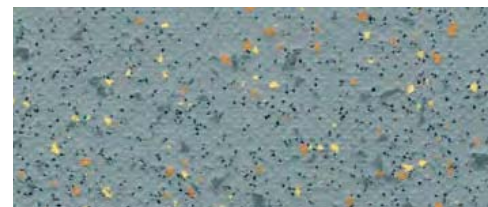
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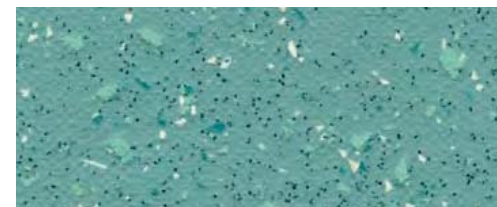
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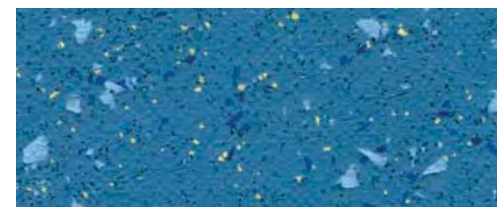
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1991-674/17-279



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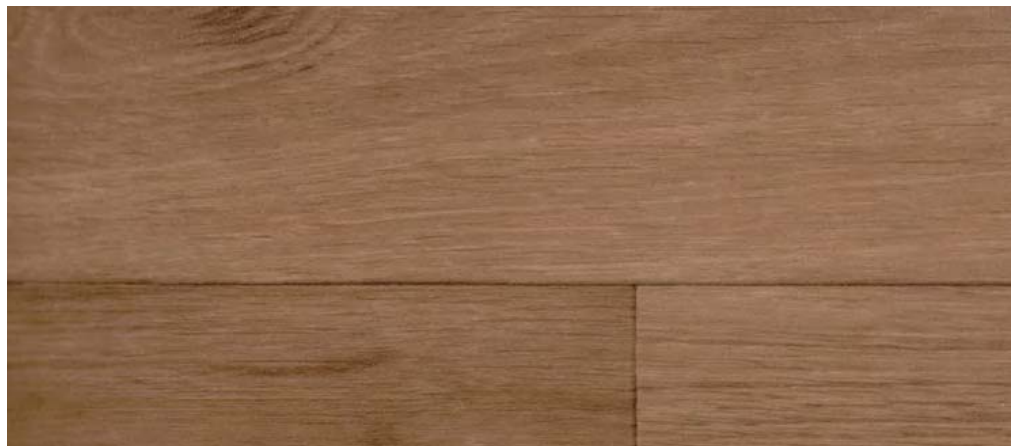
GRABOSAFE SILVER KNIGHT NATURAL



1001-384-851



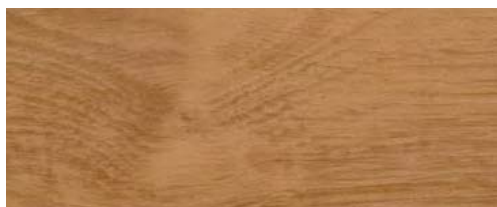
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2561-384-867



2086-384-855



2096-384-857



2239-384-868



1243-384-869



GRABO
HEALTHCARE

PLANK-IT

LUXURY
VINYL TILE FLOORING
FOR COMMERCIAL
USE

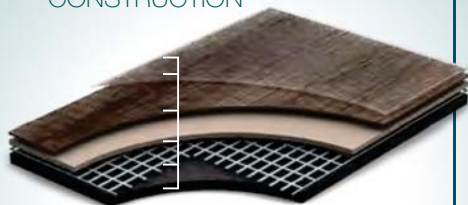


Grabo Plankit is the new luxury vinyl tile from Graboplast which ensures natural feeling for your floor in commercial applications.

RECOMMENDED USAGE

Nurse desk | Cafeteria | Dining rooms
Waiting rooms

CONSTRUCTION



iGuard PUR
Protective coating
Transparent wear layer
Design printed layer
Middle layer
Glass fibre
Back layer

DESCRIPTION

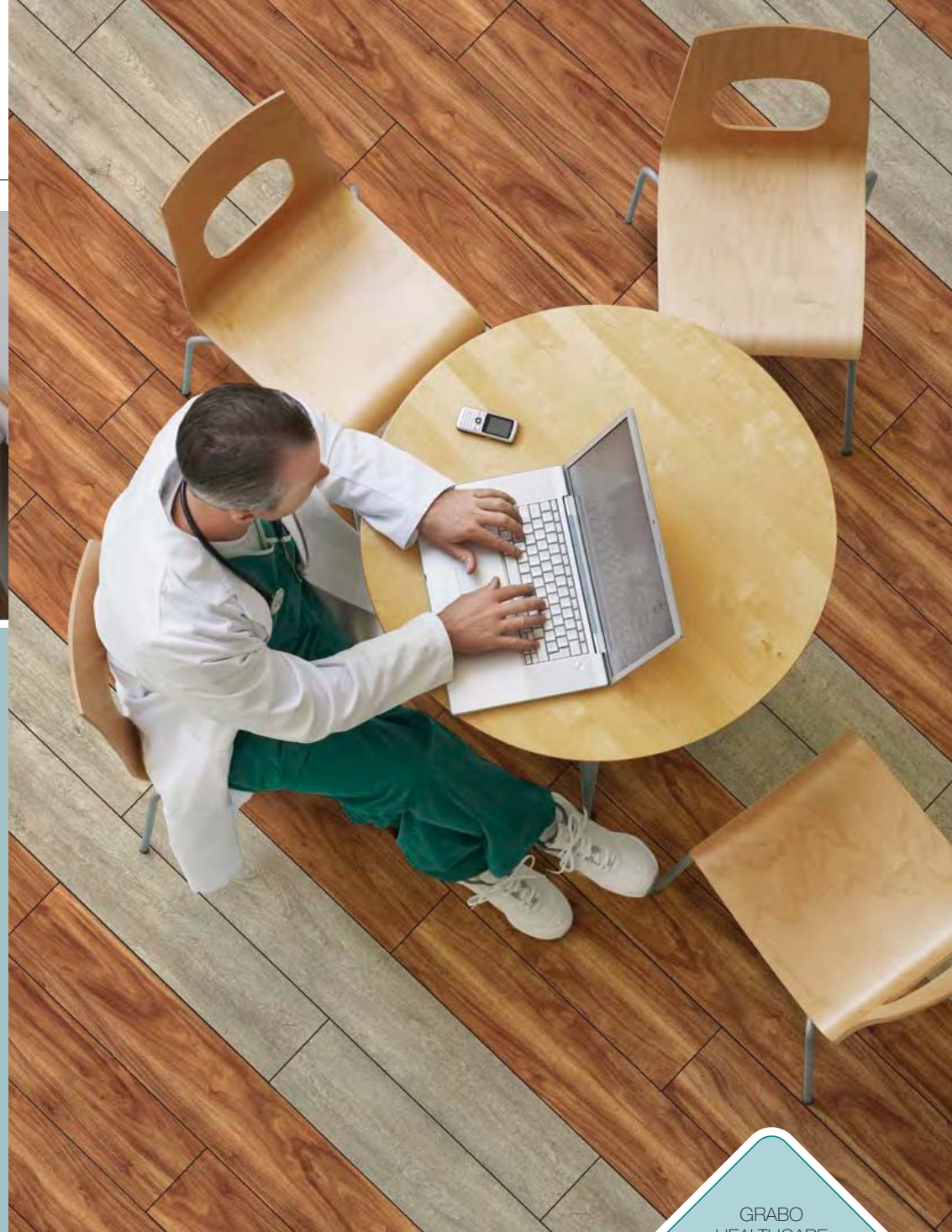
Construction		Luxury Vinyl Tile with iGuard Surface	
Plank size wood	EN ISO 24346	185×1220 mm	
	EN ISO 24346	158×950 mm*	
Plank size stone	EN ISO 24346	305×610 mm	
	EN ISO 24346	305×610 mm	
Total thickness	EN ISO 24346	2,5 mm	
Wear layer thickness	EN ISO 24340	0,55 mm	
Total weight	EN ISO 23997	3,8 kg/m²	

CLASSIFICATION

European classification	EN 685	class: 33/42
Binder content	EN ISO 10582	Type I.

PERFORMANCE

Abrasion group	EN 660-1	T
Residual indentation	EN ISO 24343	max. 0,1 mm
Dimensional stability	EN ISO 23999	max. 0,15 %
Curling	EN ISO 23999	max. 2,0 mm
Fire resistance	EN 13501-1	class: Bfl-s1
Slip resistance	EN 13893	class: DS
Electrical properties	EN 1815	max. 2 kV / Antistatic
Chemical resistance	EN ISO 26987	✓
	ASTM F925	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN ISO 4918	✓
Surface treatment	iGuard PUR Surface / Easy cleaning	
Content of pcp	EN 12673	does not contain
Formaldehyde emission	EN 12673	E1 (no emission)
VOC		pass
Warranty	Commercial	10 year
	Residential	15 year



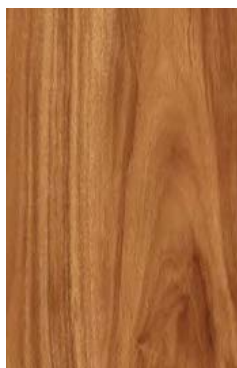
GRABO
HEALTHCARE



TARGARYEN



BRONN



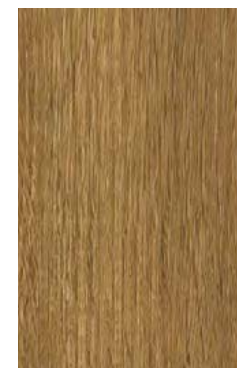
NAHARIS



STARK



TULLY



MALISTER



REED



SELMY



DROGO



MORMONT



MELISANDRE



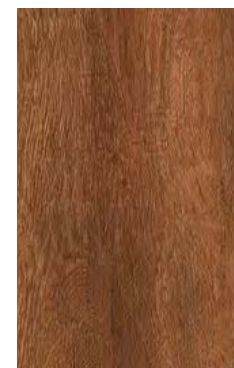
ARRYN



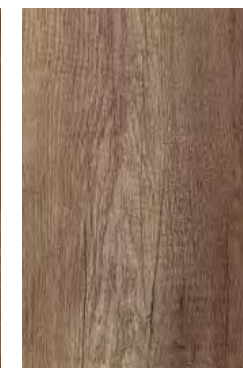
TORMUND



LANNISTER



BARATHEON



DAVOS



MORDANE



GENDRY



WESTERLING



BAEISH



WALDER



BOLTON



GREYJOY



GRABO
HEALTHCARE

PLANK-IT STONE



BRIENNE



VARYS



YGRITTE



TARLY



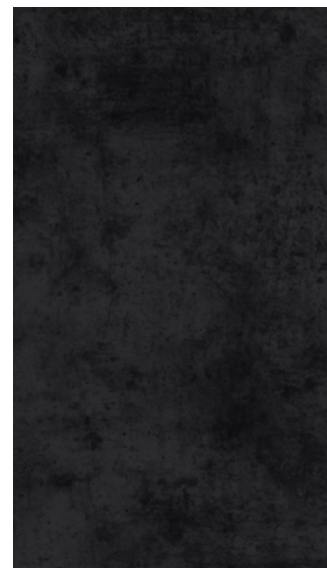
ROYCE



MISSANDEI



LUWIN



CASSEL



GRABO
HEALTHCARE

MURAVYL

HIGH PERFORMANCE
FLEXIBLE
WALL COVERING



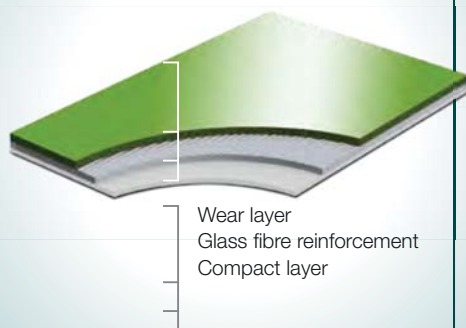
PERFORMANCE, FEATURES & BENEFITS

2 m width, Excellent fire resistance,
Dimensionally stable, Anti-bacterial, Antistatic

RECOMMENDED USAGE

Corridors | Waiting rooms | Patient rooms

CONSTRUCTION



DESCRIPTION

Construction		compact heterogeneous
Total thickness	EN ISO 24346	1,5 mm
Wear layer thickness	EN ISO 24340	0,5 mm
Width of roll	EN ISO 24341	2 m
Length of roll	EN ISO 24341	25 lm
Total weight	EN ISO 23997	1,4 kg/m²

CLASSIFICATION

Product specification	EN 649	✓
Residual indentation	EN 433	max. 0.1 mm
Dimensional stability	EN ISO 23999	max. 0,2 %
Light fastness	EN ISO 105-B02	grade 6

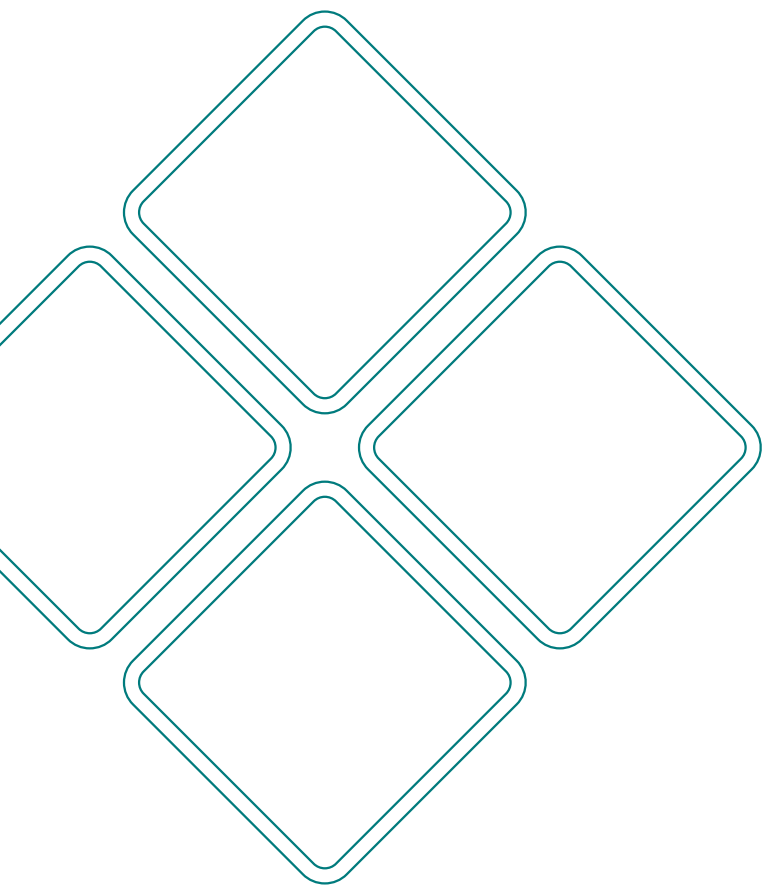
PERFORMANCE

Abrasion group	MSZ EN 660-1	T
Fire resistance	EN 13501-1	class: B-s2, d0
Chemical resistance	EN ISO 26987	✓
Anti bacterial and fungicid treatment		graboSAN
Seaming method	EN ISO 846:1999	heat or cold weld



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2018|01

GRABOPLAST
Floor Covering Manufacturers Ltd.
H-9023 Győr, Fehérvári út. 16/b. Telefon: (+36) 96 506-100
www.graboplast.com



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