

GRABO SILVER KNIGHT IS A LOW-MAINTENANCE, NEVER WAX 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 compounds. It works in the same way for pollutants as well, such as nicotine or formaldehyde, and unpleasant odors e.g. ammonia or urine.

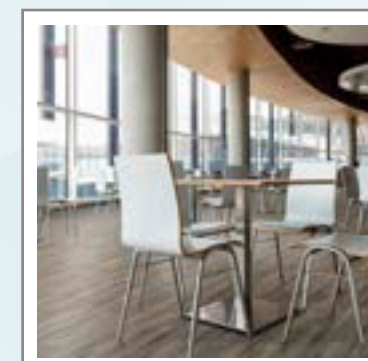
GRABO SILVER KNIGHT IS THE ULTIMATE ENVIRONMENTALLY SOUND CHOICE FOR ANY FACILITY



LOTUS



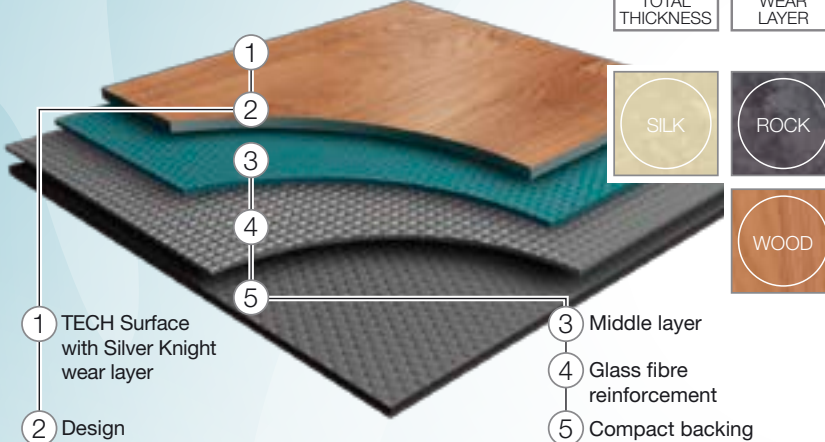
ROCK



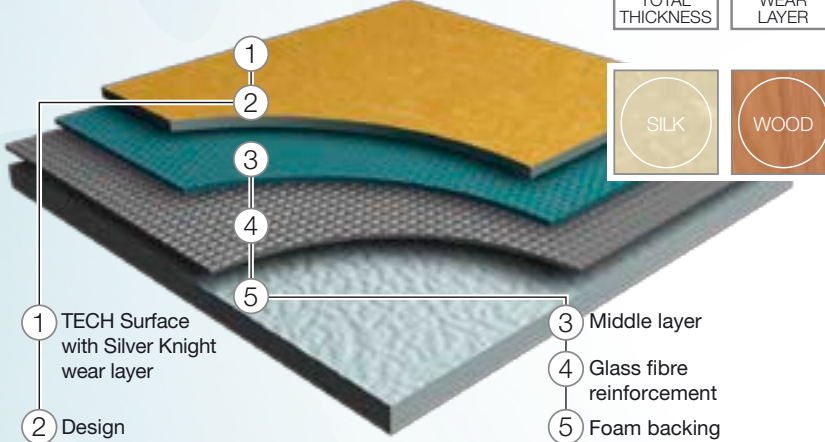
WOOD

CONSTRUCTIONS

SILVER KNIGHT ON DIAMOND TECH CONSTRUCTION



SILVER KNIGHT ON ACOUSTIC 7 CONSTRUCTION



GRABO SILVER KNIGHT SPECIFICATIONS

CONSTRUCTION	STANDARDS	SILVER KNIGHT ON DIAMOND TECH CONSTRUCTION	SILVER KNIGHT ON ACOUSTIC 7 CONSTRUCTION
DESCRIPTION			
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 rolls	EN ISO 24341	20 m	20 m
Total weight	EN ISO 23997	2,8 kg/m ²	2,6 kg/m ²
CLASSIFICATION			
European classification	EN ISO 10874	Class 34/43	Class 34/42
PERFORMANCE			
Abrasion group	MSZ EN 660-1	T	T
Residual indentation	EN ISO 24343	0,1 mm	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	class1/pass	-
	Gost 30402-94	G1	G1
Impact sound reduction	EN ISO 717-2	-	ΔL _w =19 dB
Slip resistance	DIN 51130	R9	R9
Abrasion resistance (H-18 wheel)	ASTM D3884-01	-0,2 g/1000 circle	-0,2 g/1000 circle
	ASTM D3884-01	-0,65 g/100 000 c.	-0,65 g/100 000 c.
Electrical resistance	EN 1815	< 2 kV	< 2 kV
	EN 1081	≤10 ⁹ Ω	≤10 ⁹ Ω
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		heat or cold weld	heat or cold weld
VOC test	CA Section 01350	✓	✓

SPECIFICATIONS			Characteristics		
Nominal Dimensions:	Silver Knight Diamond Tech	Silver Knight Acoustic 7	Silver Knight Diamond Tech	Silver Knight Acoustic 7	Silver Knight Acoustic 7
Roll Width feet or meters	6'6" or 2 m	6'6" or 2 m	.079" or 2 mm	.126" or 3.2 mm	
Roll Length feet or meters	66' or 20 m	66' or 20 m	28 mil	28 mil	
Weight lbs/sq.yd or kg/sqm	5.16 or 2.80	4.79 or 2.60	Seaming Method Heat or Chemical Weld		

>99% BACTERIA DESTROYED

SILVER KNIGHT

MRSA
Methicillin-resistant Staphylococcus aureus

VRE
Vancomycin-Resistant Enterococcus

ESBL
Extended-spectrum β-lactamas producing enterobacter species

E-coli

Standard ISO 27447:2009
Reduction in number of viable bacteria in 8 hours



TD2, Inc.

209 Tower Drive
Oldsmar, FL 34677
813-766-6774

www.td2floor.com



GRABO SILVER KNIGHT™
Infection control sheet flooring

GRABO

SILVER KNIGHT™

INFECTION CONTROL SHEET FLOORING

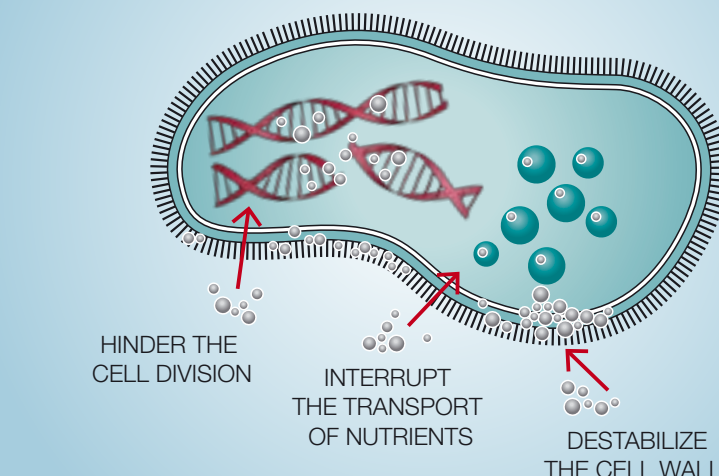
GRABO SILVER KNIGHT ELIMINATES HARMFUL BACTERIA WITHOUT THE USE OF CHEMICALS

Grabo Silver Knight has a self-disinfecting surface reached by a unique double-defense-line

>99% BACTERIA DESTROYED

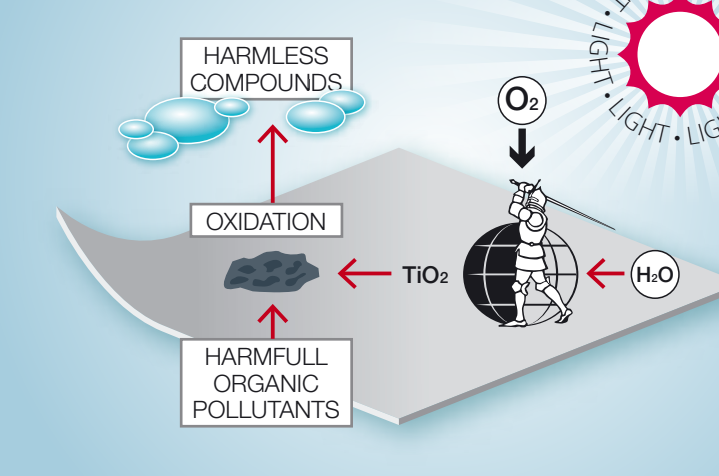
1ST LINE OF DEFENSE NanoSilver – bacteria is destroyed without the use of chemicals

The disinfecting properties of silver have been known for more then 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.

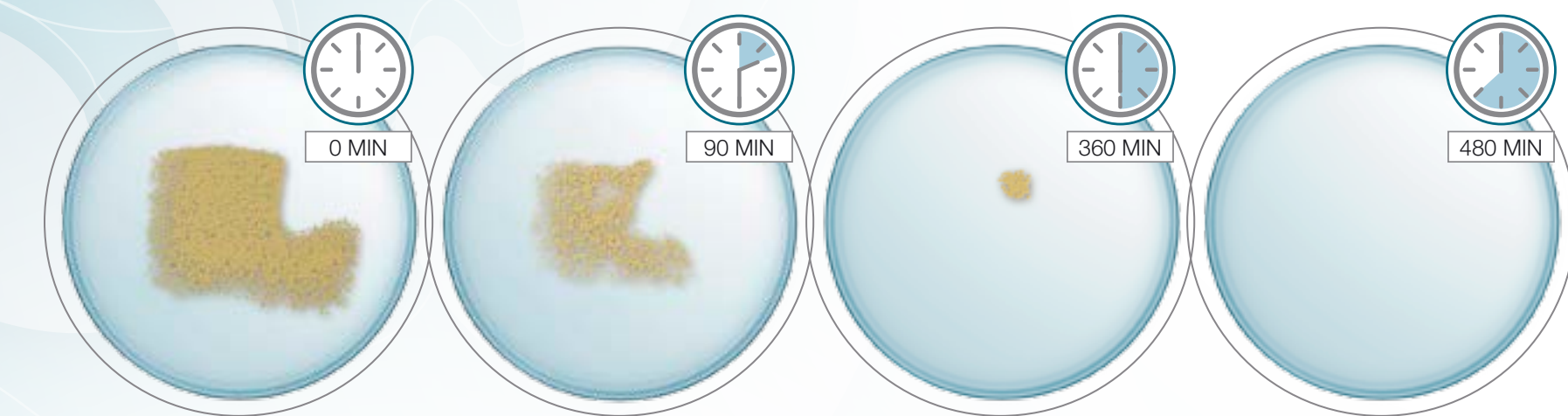


2ND LINE OF DEFENSE NanoTiO₂ – helps to decompose germs

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



ELIMINATION PROCESS OF MRSA



Certified by independent laboratories. Ask for test results.