

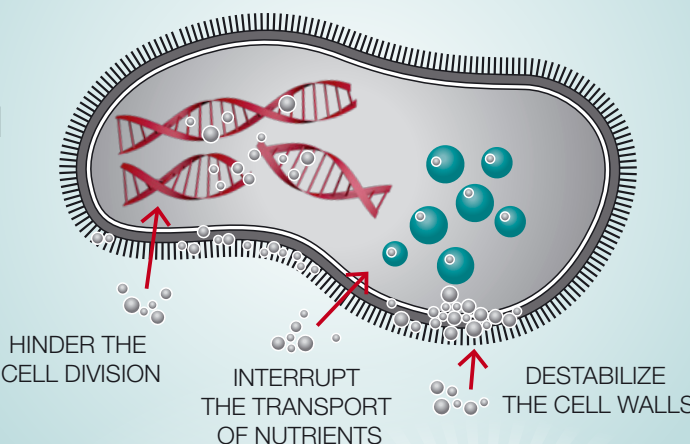
GRABO SILVER KNIGHT ELIMINATES HARMFUL BACTERIA WITHOUT THE USE OF CHEMICALS

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

1ST LINE OF DEFENSE

NanoSilver – bacteria is destroyed without the use of chemicals

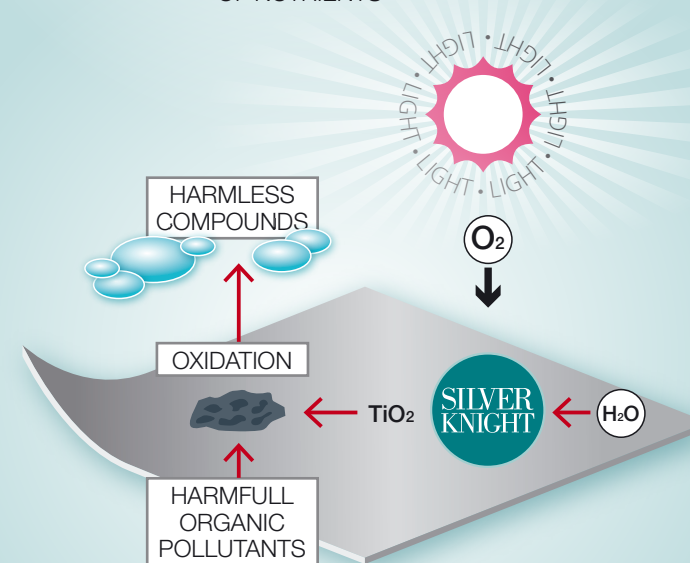
The disinfecting properties of silver have been known for more than 3000 years. The silver destroys or inactivates microbes such as bacteria, fungi and viruses. This effect of silver results from the ongoing slow diffusion of silver ions.



2ND LINE OF DEFENSE

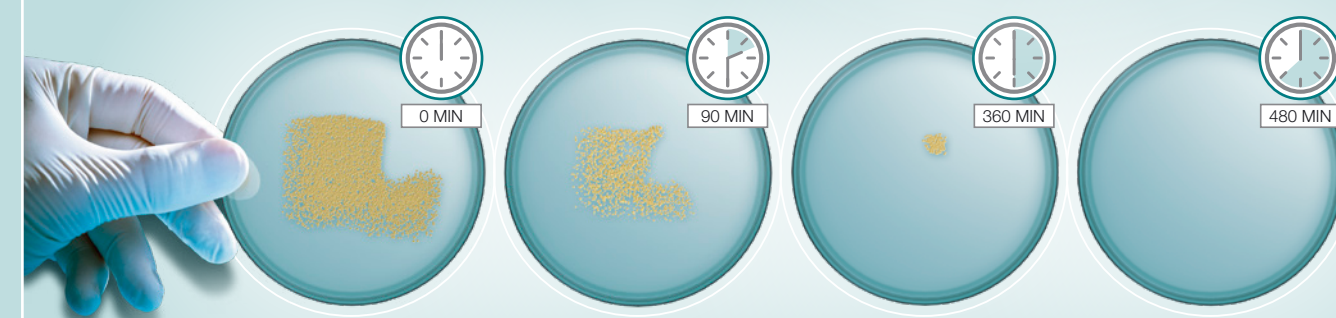
NanoTiO₂ – helps to decompose germs

Titanium dioxide is a photocatalyst, operating similar to chlorophyllian photosynthesis which helps 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.



>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

The *most hygienical*
vinyl sheet flooring

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 lm	20 lm
Total weight	EN ISO 23997	2,8 kg/m²	2,6 kg/m²
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	ASTM D3884-01	-0,2 g/1000 circle	-0,2 g/1000 circle
	H-18 wheel	-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	✓	✓



2020101



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www.facebook.com/graboplast

GRABO

SILVER KNIGHT



GRABO

Silver Knight

The *most hygienical*
vinyl sheet flooring

GRABO Silver Knight

GRABO Silver Knight

Grabo Silver Knight is a low-maintenance and trouble-free flooring

MORE EFFECTIVE INFECTION CONTROL WITH EASY CLEANING

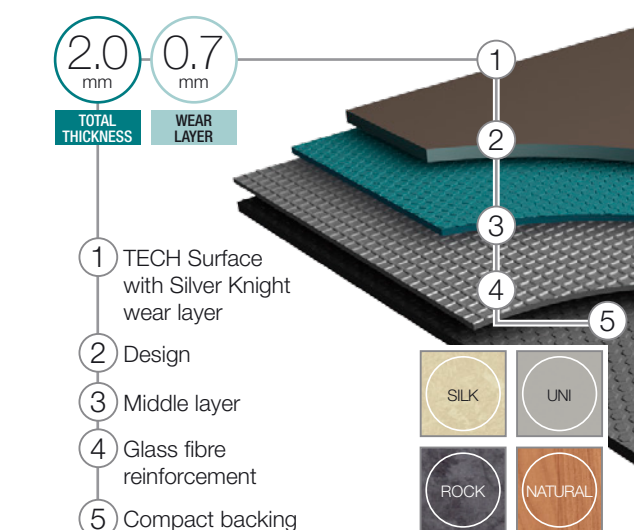
Due to the photocatalytic reaction, the surface energy is increased so dirt adheres less and is easier to remove resulting in use of less cleaning products. Grabo Silver Knight is active round the clock, 24/7, and helps to reduce microbial contamination in between cleanings.

IMPROVE INDOOR AIR QUALITY

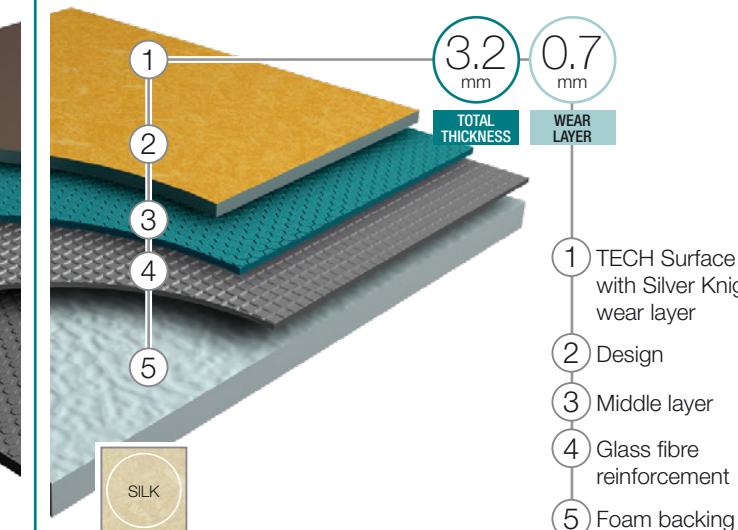
Through photocatalysis odors are decomposed into harmless constituent parts. It works in the same way for pollutants as well, such as nicotine or formaldehyde and unpleasant smells e.g. ammonia or fish odor.

GRABO SILVER KNIGHT
IS THE ULTIMATE, ENVIRONMENTALLY
SOUND CHOICE FOR ANY FACILITIES.

Silver Knight on
Diamond Tech
construction



Silver Knight on
Acoustic 7
construction



Ecological Formula



>99%
BACTERIA
DESTROYED

Silver Knight
silk

Acoustic 7
3.2 TOTAL THICKNESS 0.7 WEAR LAYER
Diamond Tech
2.0 TOTAL THICKNESS 0.7 WEAR LAYER



WELD 1133

SILK 455-881 Diamond Tech | Acoustic 7



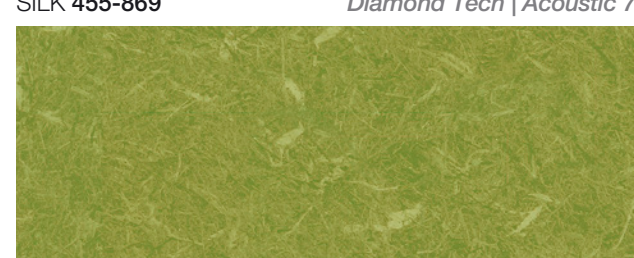
WELD 2243

SILK 455-867 Diamond Tech | Acoustic 7



WELD 2219

SILK 455-869 Diamond Tech | Acoustic 7



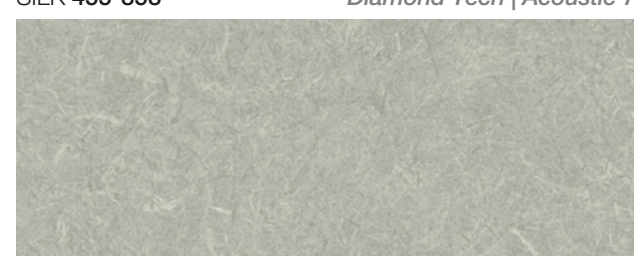
WELD 7410

SILK 455-886 Diamond Tech | Acoustic 7



WELD 6058

SILK 455-858 Diamond Tech | Acoustic 7



WELD 1156

SILK 455-856 Diamond Tech | Acoustic 7



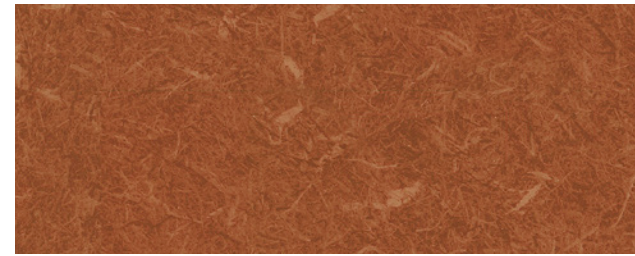
WELD 2538

SILK 455-865 Diamond Tech | Acoustic 7



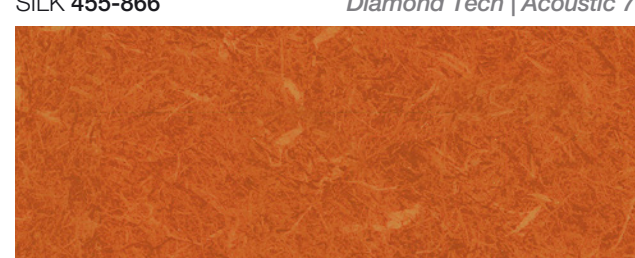
WELD 3884

SILK 455-884 Diamond Tech | Acoustic 7



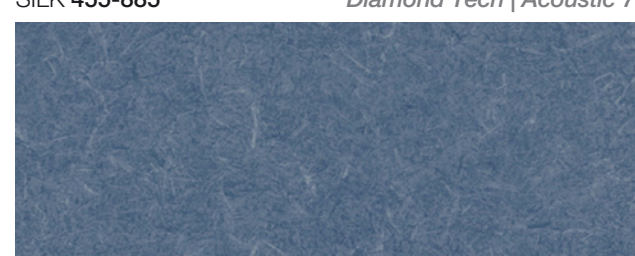
WELD 2492

SILK 455-866 Diamond Tech | Acoustic 7



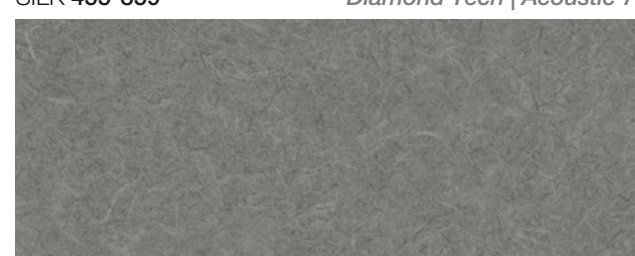
WELD 3553

SILK 455-885 Diamond Tech | Acoustic 7



WELD 6312

SILK 455-859 Diamond Tech | Acoustic 7



WELD 1172

SILK 455-857 Diamond Tech | Acoustic 7

Silver Knight
rock

Diamond Tech
2.0 TOTAL THICKNESS 0.7 WEAR LAYER



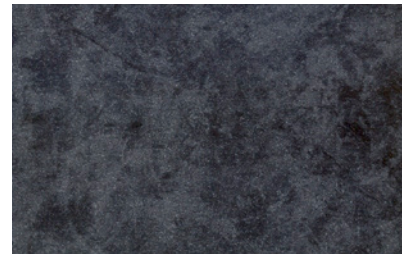
WELD 1121

ROCK 386-856 Diamond Tech



WELD 1174

ROCK 386-857 Diamond Tech



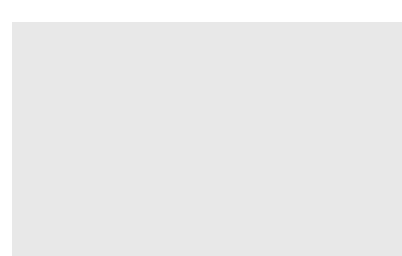
WELD 1655

ROCK 386-869 Diamond Tech



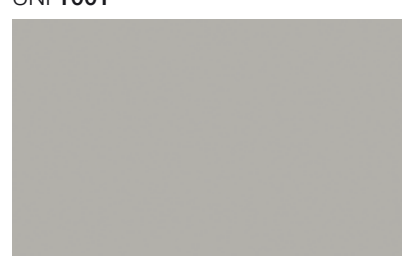
WELD 1330

ROCK 386-868 Diamond Tech



WELD 1001

UNI 1001 Diamond Tech



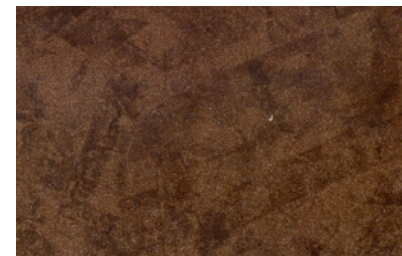
WELD 1343

UNI 1343 Diamond Tech



WELD 1133

ROCK 386-870 Diamond Tech



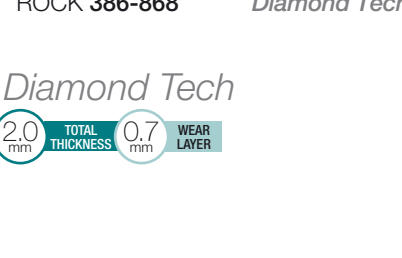
WELD 2296

ROCK 386-867 Diamond Tech



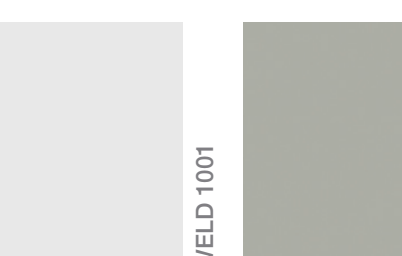
WELD 1330

ROCK 386-868 Diamond Tech



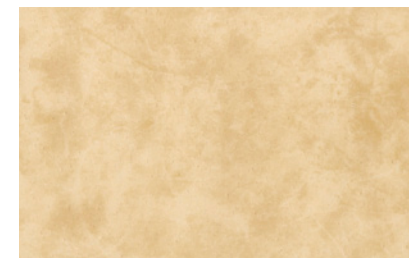
WELD 1204

UNI 1194 Diamond Tech



WELD 1655

UNI 1895 Diamond Tech



WELD 1183

ROCK 386-852 Diamond Tech



WELD 2942

ROCK 386-871 Diamond Tech



SILVER
KNIGHT

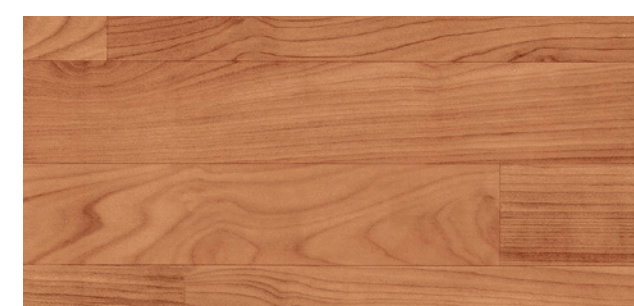
Silver Knight
natural

Diamond Tech
2.0 TOTAL THICKNESS 0.7 WEAR LAYER



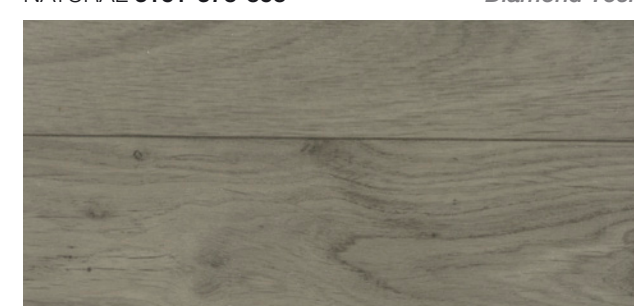
WELD 2171

NATURAL 2561-371-651 Diamond Tech



WELD 1794

NATURAL 3151-378-858 Diamond Tech



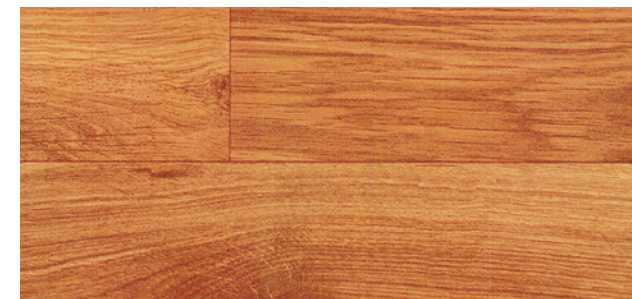
WELD 1246

NATURAL 1141-371-868 Diamond Tech



WELD 2075

NATURAL 2075-378-855 Diamond Tech



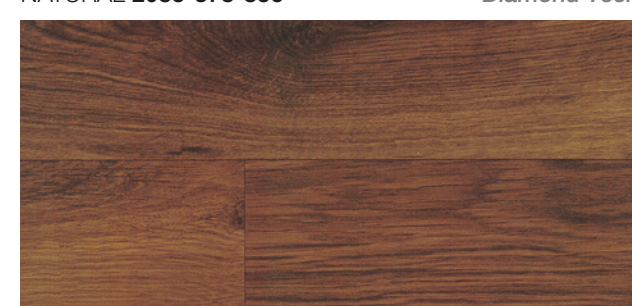
WELD 3151

NATURAL 2518-371-871 Diamond Tech



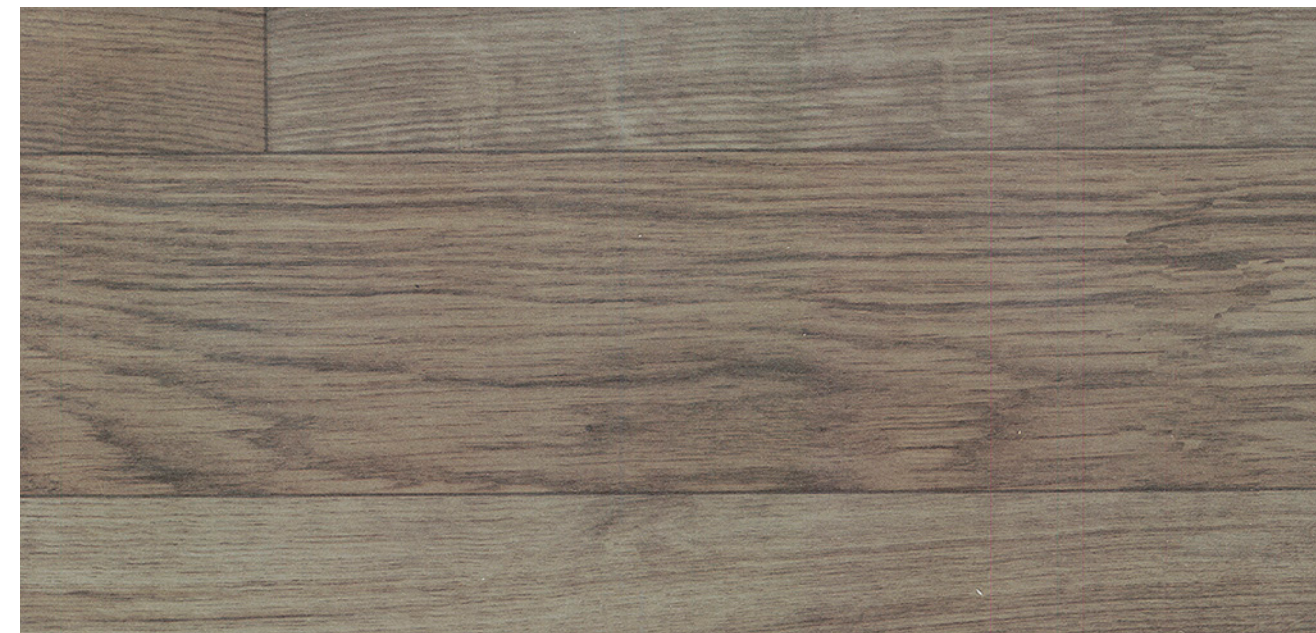
WELD 2075

NATURAL 2085-378-856 Diamond Tech



WELD 2659

NATURAL 2239-371-855 Diamond Tech



NATURAL 1151-371-869

Diamond Tech