

SILVER KNIGHT

infection control sheet flooring
with **TECHSurface**



What is TECHSurface?

TECHSurface=Technologically Explored **Ceramic Hard Surface**. It is manufactured with a patented technology which makes the surface extremely hard and wear resistant, but still flexible and easy to apply. The surface is scratch resistant and 3 to 5 times stronger than conventional sheet vinyl, allowing you to use this product in many areas where you've previously not been able to use sheet flooring. **TECHSurface** gives the floor an increased lifespan combined with easy cleaning for the life of the floor.

Performance Features & Benefits:

Protects Against Hospital Acquired Infections
Nano Silver Eliminates Harmful Bacteria
Nano Titanium Dioxide Naturally Oxidizes Organic & Inorganic Substances
Eliminates Harmful Bacteria Without the Use of Chemicals
3-5 Times Stronger Than Regular Sheet Flooring
Permanent Never Wax Surface
Superior Stain Resistance
Odor Neutralizing
Improved Indoor Air Quality - TiO₂ Decomposes Odors & Harmful Materials to Improve Indoor Air Quality
Dimensionally Stable
TECHSurface= An Exceptionally Hard Surface
Increased Life Span
High PSI
15 Year Warranty

Recommended Usage:

Hospitals
Nursing Homes
Schools
Childrens Areas
Clinics
Retail
Spas
Restrooms
Restaurants
Hospitality
Corporate
Residential
Daycare Centers
Sports Facilities
Transportation
Wellness Centers
Anywhere You Want to Eliminate Dangerous & Harmful Germs

Environmental Attributes:

Protects Against Hospital Acquired Infections Naturally
Without the Use of Chemicals
GreenGuard Certified Adhesive System
Solvent Free
No Heavy Metals
No Periodic Renewal Required
Permanent Never Wax Finish
Less Environmental Pollution
Less Detergents Used
Sustainable Maintenance
Extended Cleaning Cycles
Contains Recycled Content
Recyclable
ISO 14001 Environmental Management
ISO 9001 Quality System

Test Performance:	Standard	Silver Knight
Critical Radiant Flux	ASTM E-648	Class 1
Optical Density of Smoke	ASTM E-662	Passes
Static Load Limit	ASTM F-970	800 LBS
Static Coefficient of Friction Dry	ASTM D-2047	> 0.8
Static Coefficient of Friction Wet	ASTM D-2047	> 0.8
Chemical Resistance	ASTM F-925	No Change - Pass
Abrasion Resistance	ASTM 3884	>100,000 cycles
Electrical Resistance	EN 1815, EN1081	< 2, Ω ≤ 10 ⁹
Dimensional Stability	EN 434	> 0.20%
Light Fastness	EN 20105 B02	6
Anti Microbial Activity	ISO 27447	> 99%
Resistance to Bacteria	EN ISO 846	Pass
Adhesive		TechDesign
HUD/FHA Requirements		Passes
Caster Chair Resistance	EN-425	Pass
Shore A Hardness	ISO 868	95
Limited Warranty		15 years

SPECIFICATIONS	Silver Knight
Nominal Dimensions:	
Roll Width feet or meters	6'6" or 2m
Roll Length feet or meters	66' or 20m
Weight lbs/sq.yd or kg/sq.m	5.16 or 2.80
Characteristics:	
Overall Thickness inches or mm	.079" or 2mm
Wear Layer	28 mil
Seaming Method	Heat or Chemical Weld



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