

VERDURENTM

Hygienic Sustainable Seamless Flooring for Healthcare

Staining and Resistance to Chemicals

According to ISO 26987

Product Name	Concentrate	Time	Results after cleaning with dry paper	Results after cleaning with neutral detergent
ORGANIC SOLVENTS				
Acetone		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Carbon Tetrachloride		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Toluene		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Chloroform		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Cyclohexane		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Ethanol		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Diethyl ether		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
n-Hexane		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Formaldehyde	40%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Dichloroethylene		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

Staining and Resistance to Chemicals

Product Name	Concen- trate	Time	Results after cleaning with dry paper	Results after cleaning with neutral detergent
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ORGANIC SOLVENTS

Acetonitrile		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Ethyl Acetate		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Tetrachloroethylene		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Petrol		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
White Spirit		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

DISINFECTANTS / CLEANING COMPOUNDS

Mikrobac Forte	1%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Surfanios Lem.	0.25%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Deterg'Anios Suractive Marine	0.25%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

ACIDS

Acetic acid	50%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Nitric acid	30%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	2 - Moderate	2 - Moderate
		24 Hour	3 - Severe	3 - Severe
Citric acid	50%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	3 - Severe	0 - Not affected

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ACIDS

Hydrochloric acid HCl	37%	5 Min	0 - Not affected	0 - Not affected
		30 Min	1 - Slight	1 - Slight
		2 Hour	1 - Slight	1 - Slight
		24 Hour	3 - Severe	3 - Severe
Sulfuric acid H ₂ SO ₄	30%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	2 - Moderate (white stain)	2 - Moderate (white stain)

Medical Chemicals

Betadine		5 Min	1 - Slight (yellow stain)	0 - Not affected
		30 Min	1 - Slight (yellow stain)	0 - Not affected
		2 Hour	2 - Moderate (yellow stain)	0 - Not affected
		24 Hour	2 - Moderate (yellow stain)	2 - Moderate (yellow stain)
Aniline blue	2.5% in ethanol	5 Min	3 - Severe (blue stain)	3 - Severe (blue stain)
		30 Min	3 - Severe (blue stain)	3 - Severe (blue stain)
		2 Hour	3 - Severe (blue stain)	3 - Severe (blue stain)
		24 Hour	3 - Severe (blue stain)	3 - Severe (blue stain)
Methylene blue	2.5% in ethanol	5 Min	3 - Severe (blue stain)	3 - Severe (blue stain)
		30 Min	3 - Severe (blue stain)	1 - Slight *
		2 Hour	3 - Severe (blue stain)	1 - Slight *
		24 Hour	3 - Severe (blue stain)	3 - Severe (blue stain)

* cleaning with isopropylalcohol

Amuchina		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Hematoxylin	5%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Hibitane (chlorhexidine)	0.5%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Iodine	2% in ethanol	5 Min	1 - Slight	0 - Not affected
		30 Min	2 - Moderate	1 - Slight
		2 Hour	3 - Severe	2 - Moderate
		24 Hour	3 - Severe	3 - Severe
Hydrogen Peroxide H ₂ O ₂	10%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Paracetic acide C ₂ H ₄ O ₃	15%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

Staining and Resistance to Chemicals

Product Name	Concentrate	Time	Results after cleaning with dry paper	Results after cleaning with neutral detergent
Sodium Hypochlorite (Bleach)	5%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

ALKALI (bases)

Ammonia solution	25% (pH=12)	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	2 - Moderate	1 - Slight *
		24 Hour	2 - Moderate	2 - Moderate
Potassium hydroxide	0.1% (pH=13.5)	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Potassium hydroxide	0.013% (pH=8.5)	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Potassium hydroxide	1%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	2 - Moderate	2 - Moderate
Sodium hydroxide (NaOH)	10%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Sodium hydroxide (NaOH)	50%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

* cleaning with isopropylalcohol

SALT SOLUTIONS

Sodium Carbonate	20%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Copper (II) Sulfate	10%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Ammonium Carbonate	10%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	2 - Moderate (yellow stain)	0 - Not affected
		24 Hour	2 - Moderate (yellow stain)	2 - Moderate (yellow stain)
Ammonium Iron (III) Sulphate	10%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	2 - Moderate (yellow stain)	0 - Not affected

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MISCELLANEOUS CHEMICALS

Hydrogen Peroxide	30%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	3 - Severe	3 - Severe
Olive Oil		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Sodium Hypochlorite (bleach)	12%	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	1 - Slight (white stain)	0 - Not affected
Glycerol		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Ethylen Glycol		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Coffee		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Tea		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	1 - Slight (brown stain)	0 - Not affected
Cola		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Wine (red)		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Tomatoe Sauce		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	2 - Moderate	0 - Not affected
Beer		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	1 - Slight (yellow stain)	0 - Not affected
Apple Juice		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	2 - Moderate (yellow stain)	2 - Moderate (yellow stain)

Staining and Resistance to Chemicals

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MISCELLANEOUS CHEMICALS

Urine		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Barium Hydroxide	5% solution in water	5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected
Motor Oil		5 Min	0 - Not affected	0 - Not affected
		30 Min	0 - Not affected	0 - Not affected
		2 Hour	0 - Not affected	0 - Not affected
		24 Hour	0 - Not affected	0 - Not affected

A revolution in resilient flooring.

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