

Resistance to Staining Reagents

2.0 mm Homogeneous Sheet

Mixed & Variegated™

We extensively test all our products to determine how our different flooring products will perform in use and how the flooring will react to staining reagents. Owners and specifiers know the types of substances that may potentially stain surfaces in their building. This chart is designed to provide owners and specifiers with accurate information about a wide variety of cleaners, disinfectants, foods, beverages, oils, organic solvent and other substances that may be found in buildings and affect the performance of the floor.

Organic Solvents	Test Result
Ethyl (Denatured) Alcohol – 30%	0
Ethyl (Denatured) Alcohol – 70%	0
Ethyl (Denatured) Alcohol – 90%	0
Formaldehyde – 37%	0
Gasoline*	0
Isopropyl Alcohol – 70%*	0
Kerosene*	0
Mineral Spirits (White Spirit)	0

Alkali (Bases)	Test Result
Bicarbonate	0
Sodium Hydroxide - 10%	0

Acids	Test Result
Acetone – High Solvency	0
Acetic Acid - 5%	0
Acetic Acid – 28%	0
Citric Acid – 10%	0
Hydrochloric Acid - 5%*	0
Hydrochloric Acid – 10%	0
Sulfuric Acid - 5%*	0
Sulfuric Acid - 10%	0

Medical Stains & Reagents	Test Result
Aniline Blue	0
Blood	0
Disclosing Solution (Shows Teeth Plaque)	0
Iodine Gram Stain	0
Iodine Tincture	0

Methylene Blue	0
Mineral Oil (Medicinal Grade)	0
Potassium Permanganate - 1.5%	0
Povidone-Iodine Skin Cleanser	0
Povidone-Iodine Solution - 10%	0
Silver Nitrate – 5%	0
Tincture of Benzoin	1
Urea Solution	0
Wright's Blood Stain	3

Disinfectants and Cleaners	
Ammonia – 5%*	0
Ammonium Hydroxide – 10%	0
Ammonium Hydroxide – 30%	0
Bleach - 5.25%*	0
Bleach – 10%	0
Germicide – A456 II	0
Lime A Way	0
Phenol – 5%*	0
Phenolic 5%	0
QC 31 Neutral Cleaner	0
QC 52 Glass Cleaner	0
QC 53 General Purpose Cleaner	0
Quaternary	0
Sodium Carbonate – 10%	0
Sodium Hydroxide – 5%*	0
Stainless Steel Polish	0
Turpentine	0

Food Service	
Coffee - Hot Black	0
Cola Drink	0
Yellow Mustard	0
Red Colored Drink	0
Red Wine	0

Office	
Ball Point Pen Ink	0
Permanent Black Marker	3
Printer Toner	2

Oils	
Crude Oil	0
Fuel Oil #1	0
Mineral Oil*	0
Olive Oil	0

Miscellaneous	
Hair Dye	0
Hand Sanitizer (Alcohol Based)	0
Hematoxylin	0
Lemon Eze Cream Cleanser	0
Shoe Polish - Paste Brown	3
Tar	2

Samples were tested as manufactured (no additional surface treatments). All samples were exposed to reagents for 4 hours (uncovered), then cleaned with a neutral commercial cleaner and cotton cloth. A key for interpreting results is found below. It is important to note that in some cases, residual stain residues and surface dulling may be further reduced or eliminated with different or more aggressive cleaning procedures and/or cleaning agents other than the common method used for this multi-product comparison. For further details on appropriate cleaning methods and care for specific products, please consult the care and maintenance guidelines for the specific product at www.ahfcontract.com or contact us at 1.800.233.3823.

0=No Stain

1=Slight

2=Moderate

3=Severe

*ASTM Standard Test Method