

RESILIENT ARMOUR

3309 Matrix Drive Richardson, Texas 75082
 214.393.4875 p 214-292-9387 f
 www.resilientarmour.com

RESISTANCE TO STAINING AND REAGENTS

<p>Samples were tested as manufactured (no additional surface treatments)</p> <p>All samples were exposed to reagents for one hour and twenty four hours (uncovered) and then cleaned with a neutral cleaner with a cotton cloth. Results are shown by the following code:</p> <p>0 No Stain 1 Slight 2 Moderate 3 Severe BL Bleaching D Dulling S Softening R Reagent left a residue GL Glossy Spot</p>			5MM Commercial Panel	
			1 hour	24 hours
General Laboratory Chemicals and Reagents				
Contact Time:				
Organic Solvents				
Acetone			0,S	0,S
Chloroform			0,S,D	0,S,D
Ethyl Acetate			0,S	0,S
Ethyl (Denatured) Alcohol			0	0
Ethyl Ether			0,S,D	0,S,D
Ethylene Glycol (Antifreeze)			0	0
Formaldehyde-10%			0	0
Unleaded Gasoline *			0,D	0,D
Isopropyl Alcohol			0	0
Rubbing Alcohol *			0	0
Kerosene *			0	0
Methylene Chloride			0,S,GL	0,S,GL
Methyl Ethyl Ketone (M.E.K)			0,S,GL	0,S,GL
Mineral Spirits			0	0
Perchloroethylene			0,S	0,S
Toluene			0,S,D	0,S,D
Trichloroethylene			0,S,D	0,S,D
Turpentine			0	0
Xylene			0,S,D	0,S,D
Alkali (Bases)				
Ammonium Hydroxide-5% *			0	0
Ammonium Hydroxide-30%			0	0
Potassium Hydroxide-15%			0	0
Sodium Hydroxide-5% *			0	0
Sodium Hydroxide-50%			0	0
Acids				
Acetic Acid-28%			0	0
Acetic Acid -Glacial			0	0
Hydrochloric-5% *			0	0
Hydrochloric-38%			0	0
Lactic Acid-10%			0	0
Nitric Acid-15%			0	0
Phosphoric Acid-85%			0	0
Sulfuric-40%			0	0
Sulfuric Acid-10%			0	0
Sulfuric Acid-5% *			0	0

* Chemical stain used to meet requirements of ASTM F-925

RESISTANCE TO STAINING AND REAGENTS

<p>Samples were tested as manufactured (no additional surface treatments)</p> <p>All samples were exposed to reagents for one hour and twenty four hours (uncovered) and then cleaned with a neutral cleaner with a cotton cloth. Results are shown by the following code: 0 No Stain 1 Slight 2 Moderate 3 Severe BL Bleaching D Dulling S Softening R Reagent left a residue GL Glossy Spot</p>			5MM Commercial Panel	
			1 hour	24 hours
<p>Common Household Oils), Automobile and Miscellaneous Stains</p>				
<p>Contact Time:</p>				
<p>Household (Oils) and Automotive</p>				
Beef Tallow			0	0
Canola Oil			0	0
Cottonseed Oil			0	0
Brake Fluid			0	0
Dextron Transmission Fluid			0	0
White Mineral Oil *			0	0
Olive Oil *			0	0
SAE 10W Oil			0	0
30W Nondetergent Oil			0	0
Used Motor Oil			0	0
Miscellaneous				
Asphalt Driveway Sealer			1	1
Blue Chalk			2	2
Black Rit Dye			3	3
Eye Shadow			0	0
Hair Color			2	2
Lipstick			2	2
Perfume			0	0
Printing Ink-Green			2	2
Printing Ink-Violet			2	3
Red Candle Wax			0	0
Red Nail Polish			3	3
Shoe Polish-Liquid Brown			0	0
Shoe Polish-Paste Brown			3	3

* Chemical stains used to meet requirements of ASTM F-925

RESILIENT ARMOUR

3309 Matrix Drive
 Richardson, Texas 75082
 214-393-4875 (p)
 hello@resilientarmour.com
 resilientarmour.com

RESISTANCE TO STAINING AND REAGENTS

Samples were tested as manufactured (no additional surface treatments)		5MM Commercial Panel	
All samples were exposed to reagents for one hour and twenty four hours (uncovered) and then cleaned with a neutral cleaner with a cotton cloth. Results are shown by the following code: 0 No Stain 1 Slight 2 Moderate 3 Severe BL Bleaching D Dulling S Softening R Reagent left a residue GL Glossy Spot			
Disinfectants, Cleaners, Foods and Office Materials			
Contact Time:		1 hour	24 hours
Disinfectants, Cleaners			
Comet Bathroom Cleaner		0	0
Hydrogen Peroxide-3%		0	0
Lysol Liquid Disinfectant		0	0
Quaternary Disinfectant Cleaner		0	0
Household Bleach-5.25% *		0	0
Phenol-5% *		0	0
Foods			
Catsup		0	0
Coffee-Hot Black		0	0
Cola Drink		0	0
French Dressing		0	0
Mustard		0	0
Orange Food Color		0	0
Red Wine		0	0
Soy Sauce		0	0
Spaghetti Sauce		0	0
Tea-Hot Black		0	0
Tomato Paste		0	0
White Vinegar (5% acetic acid) *		0	0
Office Material			
Ball Point Pen		3	3
Carbon Paper Smudge		1	1
Fountain Pen Ink		0	0
Lead Pencil		1	1
Permanent Black Marker		3	3
Photo Copy Toner		0	0
Blue Cation		1	1
Red Tempra Paint		0	0

* Chemical stains used to meet requirements of ASTM F-925

RESILIENT ARMOUR

3309 Matrix Drive Richardson, Texas 75082
214-393-4875 (p) hello@resilientarmour.com
resilientarmour.com

RESISTANCE TO STAINING AND REAGENTS

<p>Samples were tested as manufactured (no additional surface treatments)</p> <p>All samples were exposed to reagents for one hour and twenty four hours (uncovered) and then cleaned with a neutral cleaner with a cotton cloth. Results are shown by the following code:</p> <p>0 No Stain 1 Slight 2 Moderate 3 Severe BL Bleaching D Dulling S Softening R Reagent left a residue GL Glossy Spot</p>			5MM Commercial PANEL	
<p>General Laboratory Chemicals and Reagents</p>				
<p>Contact Time:</p>			1 hour	24 hours
<p>Salt Solutions</p>				
Calcium Chloride-Sat'd			0	0
Copper Sulfate-10%			0	0
Ferric Sulfate-10%			0	1
Silver Nitrate-1%			0	0
<p>Photographic Chemicals</p>				
Dektol Developer			0	0
Kodak Color Developer			0	0
Kodak Film Cement			0,S,R	0,S,R
Kodak Rapid Fixer			0	0
Kodak Bleach Fixer			0	0
Kodak Polytoner			0	0
Tank Cleaner			0	1
<p>Medical Stains & Reagents</p>				
Aniline Blue-2.5%			1	1
Auramine Rhodamine			2	2
Basic Fuchsin			2	2
Betadine Skin Cleaner			0	0
Betadine Solution-10%			0	0
Bromcresol Green			2	2
Carbol Fuchsin			1	1
Eosin-1%			2	2
Gentian Violet-2%			2	2
Giemsa Blood Stain			1	2
Glutaraldehyde			1	2
Iodine Tincture			1	1
Iodine Gram Stain			1	1
Iodoform-1%			0	0
Logol's Solution			2	2
Merthiolate Tincture			0	0
Methylene Blue			2	2
Picric Acid-1%			2	2
Potassium Permanganate-0.5%			0	0
Tincture of Benzoin			2,R	2,R
Urea Solution			0	0

RESILIENT ARMOUR

3309 Matrix Drive Richardson, Texas 75082
 214-393-4875 (p) hello@resilientarmour.com
 resilientarmour.com