

# Armstrong Flooring™

Rev 9/22/22

Natural Creations with Diamond 10™ Technology, Vivero Best, Vivero Better

Theorem, Exchange, Biome, Coalesce, Terra

Parallel USA

Bio-Flooring Striations BBT, Migrations BBT

Bio-Flooring Striations BBT, Migrations BBT with Diamond 10 Technology coating

All VCT without Diamond 10 Technology Coating

VCT with Diamond 10 Technology coating

Raffia Stream with Diamond 10 Technology

Safety Zone Tile

Rubber Tile

SDT

## General Laboratory Stains and Reagents

### Organic Solvents

Acetone	0	0	0	0,Bl	0	0,S,D	0	0	1	0	2
Chloroform	0	0	1	0,Bl	0	0,S,D	0	0	1	0,D	2
Ethyl Acetate	0	0	0	0,Bl	0	0,S,D	0	0	1	0	2,Bl
Ethyl (Denatured) Alcohol	0	0	0	0	0	0,D	0	0	0	0	0
Ethyl Ether	0	0	0	0	1,R	0,D	0	0	0	0	0
Ethylene Glycol (Antifreeze)	0	0	0	0	0	0	0	0	0	0	0
Formaldehyde - 10%	0	0	0	0	0	0	0	0	0	0	0
Gasoline	0	0	0	0	0	0	0	0	0	0,D	0
Isopropyl Alcohol	0	0	0	0	0	0,D	0	0	0	0	0
Kerosene	0	0	0	0,Bl	0	0	0	0	1	2	1
Methyl ethyl ketone (M.E.K.)	0	0	0	0,Bl	0	0,S,D	0	0	1	0,D	1,Bl
Mineral Spirits	0	0	0	0	0	0	0	0	0	2	0
Toluene	0	0	0	0,Bl	0	0,S,D	0	0	0	0,D	0
Trichloroethylene	0	0	0	0,Bl	0	0,S,D	0	0	0	0,D	0
Turpentine	0	0	0	0	0	0,D	0	0	0	0,D	0
Xylene	0	0	0	0,Bl	0	0,S,D	0	0	0	0,D	0

### Alkali (Bases)

Ammonium Hydroxide - 30%	0	2,B	0	0	1	0	0	0	0	0	0
Potassium Hydroxide - 15%	1	1	1	0	1	1,D	0	0	1	0,D	3
Sodium Hydroxide - 50%	1	0	0	0	0	0	0	0	0	0	0

### Acids

Acetic Acid - 28%	0	0	0	0,D	2, D	0,Bl	1	3,D	0	1,D	1
Acetic Acid - Glacial	0	0	0	0,D	2, D	1,D	2,R	0	0	1,D	0
Hydrochloric - 38%	0	0	0	0,D	0	0,Bl	0	0	0	0,D	0
Lactic Acid - 10%	0	0	0	1,Bl	0	0,Bl,R	0	0	0	1,D	1
Nitric Acid - 15%	0	0	0	0	3, D	0,Bl	2	3,D	0	1,D	0
Phosphoric Acid - 85%	0	0	0	1,Bl	1	0,Bl,R	1	0	0	1,D	3,Bl
Sulfuric Acid - 40%	0	0	0	1,Bl	0	0,Bl,R	0	0	0	1,D	2,Bl
Sulfuric Acid - 10%	0	0	0	1,Bl	0	0,Bl,R	0	0	0	0,D	2,Bl

### Salt Solutions

Calcium Chloride - Sat'd	0	0	0	0	0	0	0	0	0	0	0
Copper Sulfate - 10%	0	0	0	1	0	1	0	0	0	0	2
Ferric Chloride - 10%	0	0	0	2	0	2	1	0	2	1	3
Silver Nitrate - 1%	0	0	0	0	0	2	0	0	0	1	3

### Medical Stains & Reagents

Aniline Blue - 2.5%	0	0	0	1	0	1	0	0	0	1	2
Auramine Rhodamine	0	1	1	2	3	2	3	2	3	1	2
Basic Fuchsin	1	1	2	3	3	2	3	3	2	0	3
Betadine ® Skin Cleanser	0	0	0	1	1	1	1	1	0	1	1
Betadine ® Solution - 10%	0	0	0	1	1	1	1	1	1	1	2
Bromocresol Green	0	0	0	1	2	1	2	2	1	0	2
Carbol Fuchsin	1	2	3	3	3,S,R	3	3,R	3,R,S	1	1	0
Eosin - 1%	0	1	2	1	0	1	1	0	1	1	2
Gentian Violet - 2%	3	2	3	3	3	3	3	3	2	1	3
Glutaraldehyde	0	0	0	0	0	0	1	0	0	0	0
Iodine Tincture	2	2	2	3	3	3	3	3	2	3	3
Iodine Gram Stain	1	1	1	2	3	2	3	2	1	2	2
Iodoform - 1%	0	0	0	0	0	0	0	0	0	0	0
Lugol's Solution	2	2	3	3	3	3	3	3	3	3	3
Merthiolate Tincture	1	0	0	2	0	3	0	0	0	2	0
Methylene Blue	0	1	0	2	1	2	1	1	1	2	2
Picric Acid - 1%	0	1	1	2	2	3	2	1	1	3	2
Potassium Permanganate - 0.5%	1	3	3	2	3	2	3	3	0	0	3
Tincture of Benzoin	1	1	1	2,R	3,R	3,R	3,R	3,R	3,R	3,R	3,R
Urea Solution	0	0	0	0	0	0	0	0	0	0	0
Wright's Blood Stain	2	1	1	2	1	3	1	0	1	1	3

### Disinfectants and Cleaners

Bleach - 5.25% sodium hypochlorite	0	0	1	0	0	0,D	0	0	0	0	0
Comet Bathroom Cleaner	0	0	0	0,D	0	0,D	0	0	0	0,D	0
Hydrogen Peroxide	0	0	0	0	0	0,D	0	0	0	0,D	0
Lysol ® Liquid Disinfectant	0	0	0	0,D	0	0,D	0	0	0	0,D	0

### Food Service

Catsup	0	0	0	0	0	0	0	0	0	0,D	0
Coffee - Hot Black	0	0	0	0	0	1	0	0	1	0	1
Cola Drink	0	0	0	0	0	0	0	0	0	0	1
French Dressing	0	0	0	0	0	0	0	0	0	0,D	0
Mustard	0	0	2	2	3	2	1	2	3	1	2
Red Food Color	0	1	1	2	2	1	2	1	1	0	3
Red Wine	0	0	0	1	0	1	0	0	0	0	1
Soy Sauce	0	0	0	0	0	0	0	0	0	0	0
Spaghetti Sauce	0	0	0	0	0	1	0	0	0	1	0
Tea - Hot Black	0	0	0	1	0	1	0	0	0	0,D	1

	Tomato Paste	0	0	0	0	0	0	0	0	1	0,D	1,BI
<b>Office</b>												
	Ball Pen Ink	3	1	3	3	2	3	3	2	3	2	3
	Carbon Paper Smudge	0	0	0	2	0	2	0	0	1	2	1
	Fountain Pen Ink	0	0	0	2	0	2	0	0	0	2	2
	Lead Pencil	0	0	0	2	0	1	0	0	0	2	0
	Permanent Black Marker	2	1,R	3	3	3	3	3	3	3	3	3
	Red Crayon	0	0	1	2	1,R	2	0	0	1,R	0	2,R
	Red Tempura Paint	0	0	0	1	0	1	0	0	2	0	3
<b>Oils</b>												
	Beef Tallow - Hot	0	0	0	0	0	0	0	0	0	0,D	0
	Canola Oil	0	0	0	0	0	0	0	0	0	0,D	0
	Cottonseed Oil	0	0	0	0	0	0	0	0	0	0,D	0
	Brake Fluid	0	0	0	0,D	0	0,D	0	0	0	0,D	0
	Dextron Transmission Fluid	0	0	0	0	0	0	0	0	0	1,D	0
	Mineral Oil	0	0	0	0	0	0	0	0	0	0,D	0
	Olive Oil	0	0	0	0	0	0	0	0	0	0,D	0
	SAE #10 Oil	0	0	0	0	0	0	0	0	0	0,D	0
	30 wt. Non-Detergent Oil	0	0	0	0	0	0	0	0	0	0,D	0
	Used Motor Oil	0	0	0	0	0	1	0	0	1	1,D	1
<b>Miscellaneous</b>												
	Asphalt Driveway Sealer	0	0	0	1	0	1	0	0	1	0	2,R
	Blue Chalk	0	0	0	1	0	1	0	0	0	1	0
	Black Rit Dye	0	0	0	1	0	3	0	1	0	1	1
	Eye Shadow	0	0	0	3	0	0	0	0	0	0	0
	Hair Color	2	1	2	1	3	3	3	3	3	1	3
	Lipstick	0	1	1	1	0	2	0	0	2	1	2
	Perfume	0	0	0	0,BI	0	1	0	0	0	0	0
	Red Candle Wax	0	0	0	1	0	2,R	0	0	1	2,R	1
	Red Nail Polish	0	0	1	3,R	3,R	3,R	3,R	3,R	3,R	3,R	3,R
	Shoe Polish - Liquid Brown	0	0	0	1	0	1	0	0	2	0	2
	Shoe Polish - Paste Brown	0	1	2	3	1	3,R	1	3	3,R	2	3,R

Samples were tested as manufactured (no additional surface treatments) All samples were exposed to reagents for four 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.armstrongflooring.com](http://www.armstrongflooring.com) or contact AHF Products at 866-254-2726.

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|--------------------------|--|
| 0 No Stain               | Betadine® is a registered trademark of |
| 1 Slight                 | Ketspecial® is a registered trademark  |
| 2 Moderate               | Clorox® is a registered trademark of   |
| 3 Severe                 | Comet® is a registered trademark of    |
| BI Bleaching             | Lysol® is a registered trademark of    |
| D Dulling                |  |
| G Gloss up               |  |
| S Softening              |  |
| R Reagent left a residue |  |