

ASTM F1700 AGENT-LIST

5 MINUTES

24 HOURS

STAINING AGENT	5 MINUTES			24 HOURS		
	SURFACE DULLING	SURFACE ATTACK	COLOR CHANGE	SURFACE DULLING	SURFACE ATTACK	COLOR CHANGE
5% Acetic Acid (White Vinegar)	0	0	0	0	0	0
5% Ammonia	0	0	0	0	0	0
5% Hydrochloric Acid	0	0	0	0	0	0
5% Phenol	0	0	0	0	0	0
5% Sodium Hydroxide	0	0	0	0	0	0
70% Isopropyl (Rubbing) Alcohol	0	0	0	0	0	0
Bleach	0	0	0	0	0	0
Gasoline	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0
Mineral Oil	0	0	0	0	0	0
Olive Oil	0	0	0	0	0	0
Sulfuric Acid	0-1	0	0-1	0-1	0	0-1

EXTENDED AGENT-LIST

5 MINUTES

24 HOURS

STAINING AGENT	5 MINUTES			24 HOURS		
	SURFACE DULLING	SURFACE ATTACK	COLOR CHANGE	SURFACE DULLING	SURFACE ATTACK	COLOR CHANGE
A456 II Germicide	0	0	0	0	0	0
Acetone	0	0	0-1	0	0	0-1
Aniline Blue	0-1	0	0-2	0-1	0	0-2
Ball Point Pen	0	0	0-1	0	0	0-1
Betadine	0	0	0-2	0	0	0-2
Bicarbonate	0	0	0	0	0	0
Bleach 10%	0	0	0	0	0	0
Blood	0	0	0	0	0	0
Cherry Soda	0	0	0	0	0	0
Disinfectants: Phenolic/Quaternary	0	0	0	0	0	0
Ecoshine Stainless Steel Polish	0	0	0	0	0	0
Ethyl Alcohol	0	0	0	0	0	0
Hematoxylin	0	0	0-2	0	0	0-2
Iodine	0	0	0-2	0	0	0-2
Lemon Eze	0	0	0	0	0	0
Lime A Way	0	0	0	0	0	0
Methylene Blue	0	0	0-2	0	0	0-2
Mineral Spirits	0	0	0	0	0	0
Permanent Marker	0	0	0-1	0	0	0-1
Potassium Permanganate	0	0-1	0-3	0	0-1	0-3
QC 31 Neutral Cleaner	0	0	0	0	0	0
QC 52 Glass Cleaner	0	0	0	0	0	0
QC 53 General Purpose Cleaner	0	0	0	0	0	0
Red Kool Aid	0	0	0	0	0	0
Red Wine	0	0	0-2	0	0	0-2
Shoe Polish Paste Brown	0	0	0-2	0	0	0-2
Tar	0	0	0-3	0	0	0-3
Yellow Mustard	0	0	0-1	0	0	0-1

Notes

Tests were conducted per ASTM F925 and values recorded after durations of 5 Minutes and 24 Hours. Testing and reporting were conducted by an independent laboratory (no affiliation with Metroflor Corporation).

Key

0 - No change 2 - Moderate change
 1 - Slight change 3 - Severe change