

Test Num.	Chemical Reagent	Test Method*	Test Result*
1		B	0
2	Hydrochloric Acid 37%	B	1
3	Sulphuric Acid 33%	B	0
4	Sulphuric Acid 98%	B	1
5	Nitric Acid 30%	B	0
6	Nitric Acid 65%	B	1
7	Phosphoric Acid 85%	B	1
8	Acetic Acid 99%	B	0
9	Hydrofluoric Acid 40%	B	2
10	Chromic Acid 10%	B	0
11	Ammonium Hydroxide 28%	B	0
12	Sodium Hydroxide 46%	B	0
13	Silver Nitrate 1%	B	1
14	Potassium Permanganate 10%	B	2
15	Ferric (III) Chloride 10%	B	0
16	Copper Sulphate 10%	B	0
17	Sodium Hypochlorite 16%	B	0
18	sodium Chloride 10%	B	0
19	Formaldehyde 10%	A	0
20	Furfural	A	0
21	Formic Acid 90%	B	0
22	Phenol 90%	A	0
23	Acetone	A	0
24	Mono Ethylene Glycol	A	0
25	Ethyl alcohol	A	0
26	Ethylene Glycol Mono Butyl Ether	A	0
27	Methyl Ethyl Ketone	A	0
28	Dichloromethane	A	0
29	Ethylacetate	A	0
30	n - Butyl Acetate	A	0
31	n- Hexane	A	0
32	Methyl Alcohol	A	0
33	Methyl Isobutyl Ketone	A	0
34	TetraHydroFurane (THF)	A	0
35	Toluene	A	0
36	Tri Chloro Ethylene	A	0
37	Xylene	A	0
38	Iodine Tincture	B	0
39	Hydrogen Peroxide 3%	A	0
40	Malachite Green Oxalate 1%	B	0
41	Methylene Blue 1%	B	0
42	Methyl Violet 2B 1%	B	0
43	Wright Satin 1%	B	0
44	Chlorine 5 PPM	B	0

Level Num.	Description
0	No detectable stain, loss of gloss or change to the surface of the laminate.
1	Slight stain or loss in the gloss but no change to the surface of the laminate.
2	Severe stain or slight change to the surface of the laminate.
3	Swelling, Pitting, Cracking or erosion to the surface of the laminate.

Method A: Saturate cotton ball with chemical reagent. Place the saturated cotton ball on the surface of the laminate and cover the saturated cotton ball with a watch glass 10cm diameter. Leave the covered reagent for 24 hours. After 24 hours, wash the panel with water, clean with detergent and rinse with de-ionised water. Leave the tested laminate for 24 hours and evaluate according to the level chart.

Method B: Place 5 drops of the chemical reagent on the decorative surface of the tested laminate and cover the chemical reagent with a watch glass 10cm diameter. Leave the covered reagent for 24 hours. After 24 hours wash the panel with water, clean with detergent and rinse with de-ionised water. Leave the tested laminate for 24 hours and evaluate according to the level chart.