

SEFA 8.0 CABINET SURFACE FINISH TESTS

Performed for: ARPA INDUSTRIALE Spa
Via G. Piumati, 91
12042 Bra (CN) Italy

Item Tested: ARPA Fenix NTA

Reference: Scientific Equipment & Furniture Association (SEFA)
Laboratory Furniture Casework, Shelving and Tables Recommended Practices
SEFA 8-PL 2010

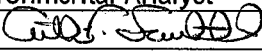
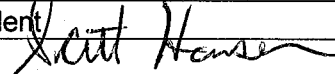
Section 8.0 Cabinet Surface Finish Tests

Results:

8.1 Chemical Spot Test
See detailed results on attached form.

Four Level 3 conditions permitted Rating: Pass Fail

There is one (1) Level 3 condition evident

COMPANY INFORMATION	TEST SUPERVISOR INFORMATION
Name: Cardinal Environmental, Inc.	Name: Art Lautenbach
Address: 3303 Paine Avenue Sheboygan, WI 53081	Title: Environmental Analyst Signature: 
Telephone: (920) 459-2500	COMPANY OFFICER INFORMATION
Fax: (920) 459-2503	Name: Scott Hanson
Date: 8/3/2017	Title: President Signature: 

CHEMICAL RESISTANCE TESTING – 8.1

Date of Test: 8/1/2017		Sample Description: ARPA Fenix NTA	Type of Coating: Surface metal layer treated with new generation acrylic resin cured by Electron Beam curing process
<p>Rating Scale: Level 0 - No Detectable Change Level 1 - Slight Change in Color or Gloss Level 2 – Slight Surface Etching or Severe Staining Level 3- Pitting, Cratering, Swelling, Erosion of Coating, Obvious & Significant Deterioration.</p>			
#	Chemical	Rating	Comments
1	Amyl Acetate	0	No Detectable Change
2	Ethyl Acetate	0	No Detectable Change
3	Acetic Acid 98%	0	No Detectable Change
4	Acetone	0	No Detectable Change
5	Acid Dichromate 5%	0	No Detectable Change
6	Butyl Alcohol	0	No Detectable Change
7	Ethyl Alcohol	0	No Detectable Change
8	Methyl Alcohol	0	No Detectable Change
9	Ammonium Hydroxide 28%	0	No Detectable Change
10	Benzene	0	No Detectable Change
11	Carbon Tetrachloride	0	No Detectable Change
12	Chloroform	0	No Detectable Change
13	Chromic Acid 60%	0	No Detectable Change
14	Cresol	2	Staining - Moderate
15	Dichloroacetic Acid	0	No Detectable Change
16	Dimethylformamide	0	No Detectable Change
17	Dioxane	0	No Detectable Change
18	Ethyl Ether	0	No Detectable Change
19	Formaldehyde 37%	0	No Detectable Change
20	Formic Acid 90%	0	No Detectable Change
21	Furfural	2	Severe Staining
22	Gasoline	0	No Detectable Change
23	Hydrochloric Acid 37%	0	No Detectable Change
24	Hydroflouric Acid 48%	3	Severe Surface Etching, Change in Color, Obvious & Significant Deterioration
25	Hydrogen Peroxide 30%	0	No Detectable Change
26	Tincture of Iodine	1	Very Slight Staining
Test Performed By: Art Lautenbach			Date: 8/1/2017

CHEMICAL RESISTANCE TESTING - 8.1

Date of Test: 8/1/2017		Sample Description: ARPA Fenix NTA	Type of Coating: Surface metal layer treated with new generation acrylic resin cured by Electron Beam curing process
Rating Scale: Level 0 – No Detectable Change Level 1 – Slight Change in Color or Gloss Level 2 – Slight Surface Etching or Severe Staining Level 3 - Pitting, Cratering, Swelling, Erosion of Coating, Obvious & Significant Deterioration.			
#	Chemical	Rating	Comments
27	Methyl Ethyl Ketone	0	No Detectable Change
28	Methylene Chloride	0	No Detectable Change
29	Monochlorobenzene	0	No Detectable Change
30	Naptha VM&P	0	No Detectable Change
31	Nitric Acid 20%	0	No Detectable Change
32	Nitric Acid 30%	0	No Detectable Change
33	Nitric Acid 70%	0	No Detectable Change
34	Phenol 90%	0	No Detectable Change
35	Phosphoric Acid 85%	0	No Detectable Change
36	Silver Nitrate, Saturated	0	No Detectable Change
37	Sodium Hydroxide 10%	0	No Detectable Change
38	Sodium Hydroxide 20%	0	No Detectable Change
39	Sodium Hydroxide 40%	0	No Detectable Change
40	Sodium Hydroxide, Flake	0	No Detectable Change
41	Sodium Sulfide, Saturated	0	No Detectable Change
42	Sulfuric Acid 33%	0	No Detectable Change
43	Sulfuric Acid 77%	0	No Detectable Change
44	Sulfuric Acid 96%	0	No Detectable Change
45	Sulfuric Acid 77% and Nitric Acid 70%, equal parts	1	Very Slight Staining
46	Toluene	0	No Detectable Change
47	Trichloroethylene	0	No Detectable Change
48	Xylene	0	No Detectable Change
49	Zinc Chloride, Saturated	0	No Detectable Change
Test Performed By: Art Lautenbach			Date: 8/1/2017

ARPA INDUSTRIALE Spa
ARPA Fenix NTA

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49

ARPA INDUSTRIALE Spa
ARPA Fenix NTA
#24 Hydroflouric Acid 48%

