# Chemical Resistance

## 1. Test Standard

### 1.1 Test Method

ANSI Z124/CSA B45.5 Section 5.15 "Chemical Resistance"

### 1.2 Test Procedure

Two drops of each reagent were applied to the specimen, one drop covered with watch glass the other drop uncovered. After 16 hours, remove the watch glass and the excess reagent.
Keep specimen for 24 hours examine in accordance with clasue 5.4.1(d).
Damage resulting from the test shall not impair the seviceability of the fixture and shall be easily Repairable using abrasive and polishing compounds to approximate the original finish.

## 2. Test Result

| Reagent | Result |
|---|---|
| Naphta | Pass |
| Ethyl Alcohol | Pass |
| Amyl Acetate | Pass |
| 1% Ammonium Hydroxide | Pass |
| Citric Acid, 10% | Pass |
| Urea, 6% Water Solution | Pass |
| Hydrogen Peroxide, 3% | Pass |
| Sodium Hypochlorite (Clorox) | Pass |
| Toluene | Pass |
| Ethyl Acetate | Pass |
| Lye, 1~2% (Drano) | Pass |
| Acetone | Pass |

**Result: Pass**