

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 clause 5.4.1(d).

Damage resulting from the test shall not impair the serviceability 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

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