

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

The information contained herein is provided by Jin Gwang Industries Co., Ltd. for information purposes only and should be used by individuals with technical experience and knowledge in the area. Jin Gwang Industries Co., Ltd. does not make any representation or warranties of the usefulness or expected result of the information, and does not assume any responsibility whatsoever related to the use of the information. Exclusion of the implied warranties may not apply in certain jurisdictions.