

## 1. Test method

- **ANSI Z124.6 - Section 5.5**

Chemical Resistance

- **Test procedure:**

Two(2) drops of each of the following liquid reagents shall be applied to the surface of Radianz®  
Expose the sample for 16 hours ; Covered with glass plate and uncovered

- **Performance Requirement**

The surface finish shall be unaffected by the reagents except for superficial surface change which are removable by sanding with 600 grit wet or dry sandpaper and water. Any resulting damage shall not impair the serviceability of the unit, and shall be easily repairable by using abrasive and polishing compounds to approximate the original finish.

## 2. Test result

- **Chemical Resistance : Pass**

- **Reagent**

- Naphtha
- Ethyl Alcohol
- Amyl Acetate
- Ammonia, 10%
- Citric Acid, 10%
- Urea, 6% (Urine)
- Hydrogen Peroxide, 3%
- Sodium Hypochlorite
- Toluene
- Ethyl Acetate
- Lye, 1%~2% (Drano)
- Acetone
- Trisodium Phosphate, 5%
- Vinegar
- Pine Oil
- Phenol, 5% (Lysol)



*This Technical Bulletin is intended to provide guidelines for optimal fabrication, installation, and performance of LOTTE ADVANCED MATERIALS products mentioned. Though the information contained herein is deemed reliable, none of the contents--including but not limited to the instructions, techniques, graphics, and recommendations--is to be understood as implying legal liability of fitness for a specific purpose, any other type of warranty, or being complete or absolute in its range and nature of information.*

*Depending on the user's particular application, all necessary measures must be taken to verify and test the adequacy for such needs or application. Any information or recommendation herein is strictly for purposes of reference and as such, LOTTE ADVANCED MATERIALS assumes no responsibility for its suitability or accuracy or the use of such information for products other than LOTTE ADVANCED MATERIALS Staron® solid surfaces & Radianz® quartz surfaces.*