TECHNICAL BULLETIN

# Chemical Resistance

RZ-107-2016

## 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)