

RADIANZ® product are very resistant to chemical and scratches. Polished finishes are very resistant to stains. Maintenance does not involve sealers or polishers. Therefore, the basic concept in maintaining these finishes is to focus on the effective removal of daily soil and spots. Semi-gloss(Honed, Matt etc.) finishes will require more aggressive scrubbing and detergents for effective maintenance especially in darker colors.

## Daily cleaning

- a) Dry mop/sweep/vacuum floor as appropriate to the floors finish to remove dust/dirt.
- b) Spot clean with detergents or spot removers and hand scrub as needed.

## Periodic maintenance

- a) Use an automatic scrubber/vac fitted with a 2" soft bristle nylon brush. Use detergent/stripper solutions appropriate for the soil to be removed. OR. Use a low speed(175 rpm) buffer with 2" soft nylon brush. Scrub floor with cleaning solution wet vac.
- b) Rinse with clean water and wet vac again.
- c) The most effective frequency for each of the above procedures is to be determined by the traffic and desired appearance standards for the floor.

## Heavy Duty cleaning

- a) Periodically, it may be effective to give the floor a more aggressive cleaning using a heavy duty or stripper type cleaning solution. If possible, increase the soak time for the cleaning solution on the floor before scrubbing and removal. The deep cleaning is also very beneficial to the appearance of the grout.
- b) Periodic heavy duty cleaning can keep your RADIANZ® floor looking as beautiful as when installed. Never use Methylene Chloride or cleaners containing any alkaline materials, either as a solvent or paint remover on RADIANZ® as it will damage the surface in as little as five minutes.

## Spot removal

The focus of spot removal is to find the most effective cleaner or solvent that will remove the spot.

### Adhere material : Gum, Paint-nailpolish, Grease, Dried Raisins, Etc.

It is sometimes useful to start by scraping the spot material. A putty knife or razor may be used.

#### [ NOTE ]

- RADIANZ® is much harder than the steel blade so excessive scrapping of a blade on the surface may abrade the blade and leave a gray mark on the surface. Such a mark can usually be removed with a green scrub pad.
- After removing the materials from the spot, treat the spot with the appropriate cleaner/solvent.
- For heavy material, it is sometimes very effective to apply the cleaner/solvent with a pad of paper towels to keep the spot wet with cleaner for 2~5 minutes before scrubbing and rinsing with additional solvent or rinse water.

### Apparent Stains : Magic marker, coffee, makeup, food.

Apply selected cleaner/solvent by wiping, or where appropriate, by soaking with paper towel pads for 3~10 minutes. Scrubbing after soaking can sometimes be more effective. Rinse with water or solvent one or more times.

*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.*

## Product that should be avoid

- Cleaners that contain Pine Oil.
- Without very thorough rinsing, these products can leave behind a residue of pine oil. The pine oil then attracts and holds dirt on the surface, eventually reducing the cleanliness of the surface and its appearance.
- Highly aggressive cleaning agents such as oven/grill cleaners and dish washer polishing agents that have high alkaline/pH levels (pH 8.5 or higher)
- Abrasive scrubs/cleaners containing either soft or hard abrasive particles.
- The abrasives will harm RADIANTZ® and if the surface is not completely rinsed, a powder residue will remain reducing the appearance of the surface, especially on dark colors.
- Cleaners that contain Xylene, Toluene, Potassium Hydroxide or Caustic soda
- Inks, Oil soaps.

*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.*