

# RES-TEK®

Acrylic Flooring & Concrete Repair Solutions



# PUR-Guard™

Cementitious Urethane Flooring

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### Let's Face It, Flooring Can Be Complicated

Flooring can be one of the most critical factors for facility and operations managers. Flooring choices affect the bottom line in so many ways, and making the wrong choice can cause headaches down the road. You need your flooring to hold up to equipment, chemicals, temperature changes, traffic and all the other aspects of your operational environment. It can be complicated to know where to start.

### Res-Tek Offers Flooring Solutions

Res-Tek flooring systems are customized to fit the needs of your unique operation. Every project is different and you need more than a cookie cutter solution for the important issues you face every day. Your business is not one size fits all, which is why we spend time listening first; what issues are the most important to your project? There can be any number of points to address. Whatever the situation, Res-Tek can design a system that will work for almost any application.

### The Res-Tek Difference – Made in the USA

Res-Tek is a leading US manufacturer dedicated to the formulation and production of resin based acrylic flooring systems, cementitious urethane, epoxies and polyaspartics. All we do is floors; and our team has over 125 years of combined experience. Our products perform consistently and have been chosen by industry leaders throughout North America.

The only thing better than our products is our technical support, customer service and training. Our flooring specialists work

with you to choose the right system and then oversee the project to make sure everything goes smoothly. Our network of certified applicator partners work with us to deliver an excellent finished product you can depend on for years to come.

### PUR-Guard™ Cementitious Urethane

#### Takes Whatever You Dish Out

PUR-Guard™ cementitious urethane systems are formulated to withstand chemical and thermal shock. This makes them ideal for food and beverage processing facilities, wet and dry process zones, storage areas, industrial chemical processing plants and anywhere excessive heat, steam or hot liquids are present. It will resist a wide-range of organic and inorganic acids, alkalis, amines, solvents and salts; and it is durable enough to stand up to excessively heavy daily traffic.

#### New Construction? No Problem.

Don't let concrete curing time slow you down. PUR-Guard™ systems are resistant to high levels of moisture vapor transmission and can be installed on "green" concrete that is only 10 days old.

#### Safer for Workers

Occupational Safety and Health Administration (OSHA) regulations are more important than ever, and so is worker safety. Res-Tek flooring systems can be customized with various graded aggregates for the slip resistance you need to minimize potential employee accidents.

In addition, PUR-Guard™ is low VOC and low odor, making the installation process better for your staff and the environment.

**PUR-Guard™ is ideal for restaurants, food and beverage processing facilities, wet and dry processing zones, laboratories, chemical processing plants, storage areas, and more.**





## PUR-Guard™ Colors

Res-Tek offers several standard colors in the PUR-Guard™ line.



## Application

Res-Tek's PUR-Guard™ is typically applied as a solid color with an unlimited variety of textures. If a decorative appeal is desired, colored quartz aggregate or colored flake can be applied over the cementitious urethane flooring system. PUR-Guard™ can be used on new concrete after 10 days, or to restore rough or badly damaged concrete or tile floors that have been exposed to contamination or abuse for many years. In most cases no primer is needed before applying the system, which also saves considerable downtime.



## Res-Tek Resist™ Antimicrobial Option

This additive can be included in any Res-Tek system and provides added protection against microbial growth. This additional element is beneficial in areas requiring sanitized and decontaminated surfaces.

## Technical Data

Res-Tek's PUR-Guard™ is formulated to be mixed with specific bagged aggregate for creating a self-leveling slurry or trowel applied mortar with application thicknesses from 1/8" to 3/8". Additionally, our HD-CB product can be troweled vertically for cove base installations.

## System Options

- HD-T, Heavy Duty Trowel
- HD-SL, Heavy Duty Self-Leveling
- HD-SLE, Self Leveling Econo Slurry
- HD-CB, Heavy Duty Cove Base
- HD-TC, Heavy Duty Topcoat

## PUR-Guard™ Benefits

- Withstands thermal shock up to 240°F
- High tolerance of moisture vapor transmission
- High abrasion & impact resistance
- Installs on 10-day old concrete
- Chemical resistant
- Minimal maintenance costs
- Meets USDA/FDA requirements
- Low VOC



PUR-Guard™ has a very similar coefficient of thermal expansion to concrete and will shift with the substrate through normal thermal cycling. It retains its physical characteristics through a temperature range from -90° F up to 240° F.

The cementitious urethane makeup provides superior adhesion to concrete. This allows it to withstand heavy impact within many different environments.

## The Res-Tek Advantage

It is important to select a supplier who has the knowledge, skill level, and expertise in the chemistry and application of flooring products. With Res-Tek being both the formulator and manufacturer, you'll have peace of mind knowing that you made the right choice for your next project.

Having partners trained in application means we don't sell our products to just anyone. We guarantee that the job will be done right, giving you confidence that your floor will last for many years.

Res-Tek is ready to work with you to design a system tailored to the individual needs of your facility. Learn more at [www.Res-Tek.net](http://www.Res-Tek.net) or contact us at 1-888-ResTek1 to find your nearest Regional Manager.



