

## Zero VOC Self-Leveling Econo Solid Color Overlay System

### SYSTEM DESCRIPTION

Res-Tek XCL-Guard™ Zero VOC Self-Leveling Econo Solid Color Overlay System is a high strength, 100% solid, urethane cement based, 1/8" – 3/16" self-leveling overlay flooring system with an epoxy topcoat and RT-Sand broadcast.

### SYSTEM BENEFITS

- Seamless high gloss finish that allows for a hygienic, cleanable flooring system
- Non-porous, waterproof surface
- Chemically resistant to most non-solvent based contaminants and aggressors
- Matching seamless cove base for wall protection
- Improved UV resistance
- Designed specifically to withstand heavy impact and traffic
- Minimal maintenance required
- Several standard color options

### SYSTEM COMPONENTS

<b>Primer (if required):</b>	HD-P
<b>Body Coat:</b>	PUR-Guard-HD-SLE
<b>Grout Coat:</b>	EPO-204 pigmented
<b>Topcoat:</b>	EPO-204 pigmented

### COLOR OPTIONS

Refer to the Res-Tek EPO-Guard Color Guide for our standard offerings.

### PHYSICAL CHARACTERISTICS

**Compressive Strength (ASTM C-579, psi):** 5,800

**Tensile Strength (ASTM C307, psi):** 6,600

**Modulus of Elasticity (lb./sq. in.):** 19,500

**Impact Resistance:** No visible damage at minimum 160 in./lb.

**Hardness (ASTM D-2240, Shore D):** 81

**Abrasion Resistance (ASTM D-4060, CS-17, mg):** 135

**Adhesion:** Exceeds the tensile/cohesive strength of concrete

**Coefficient of Friction (ASTM D 2047):** Meets or exceeds ADA recommendations

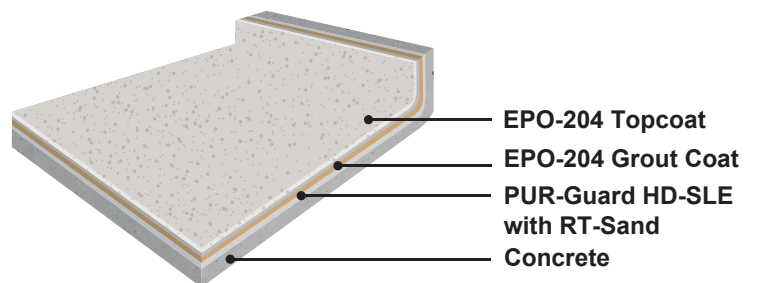
**Water Absorption (ASTM C-413, wt. %):** <0.1

**Water Vapor Transmission (DIN53122, g/cm-hr-mmHG x 10-9):** 1.43

**VOC Content (ASTM D-2369, Method E):** PUR-Guard HD-SLE- 0 g/l  
EPO-204 - 0 g/l

**Cure Time:** HD-SLE: 8-10 hrs. @ 70°F recoats/light traffic, EPO-204  
12-20 hrs. @ 70°F recoats/light traffic

**Installation Temperature Range:** 60°F - 80°F



## PRIMING

If concrete out-gassing occurs resulting in surface irregularities, the substrate should be primed with PUR-Guard HD-P primer. The primed area should be allowed to dry tack free before proceeding with the body coat application. Installation of a test patch may be helpful to determine if priming is necessary.

## SLIP RESISTANCE

Aluminum oxide or industrial silica can be added to the system to increase slip-resistance to the desired level. Please consult your Res-Tek representative for more information.

## COVE BASE

All Res-Tek floor systems can include an integral 4" or 6" cove base.

## FLEXIBLE MEMBRANES

Flexible membranes are available if required. Please consult your Res-Tek representative to select specific options based on your needs.

## MOISTURE MITIGATION

Additional products are required if waterproofing or moisture mitigation is needed. Please consult your Res-Tek representative for more information.

## CLEANING & MAINTENANCE

Res-Tek flooring systems require little routine maintenance. No stripping or waxing is required. However, a regular cleaning schedule will increase service life and aid in maintaining aesthetics. Please refer to the Cleaning & Maintenance Guide for specific instructions.



## MIXING & APPLICATION

Please refer to the Product Data Sheets and Application Guide for specific instructions.

## PACKAGING

Products are sold by weight, not by volume. Product properties require that containers provided are not completely filled. See price sheet for actual container weights and volumes.

## STORAGE CONDITIONS

Store material in a cool and dry place out of direct sunlight. Do not store near open flame or ignition source. Read and understand all product labels and SDS sheets prior to use.

## WARRANTY

Res-Tek Inc. warrants material for 1 year if used and stored in accordance with Res-Tek's specified application procedure. Res-Tek Inc. has no responsibility for application and processing of products. Joint issued warranties are available by request when a Res-Tek approved applicator is selected for installation.

