



## DESCRIPTION

**URECON SL** is a 1/8" – 1/4" seamless, urethane modified, cementitious slurry system that produces a dense, non-porous floor that is chemical and dirt resistant. Ideal for medium to heavy duty traffic areas, **URECON SL** exhibits high impact resistance and excellent thermal shock and chemical resistance. **URECON SL** can be installed with an integral cove base for areas requiring seamless wall to floor coatings. Excellent for rehabbing old floors, the **URECON SL** system provides a strong, long lasting, and attractive surface that resists chemical corrosion, abrasion, and impact.

## KEY ADVANTAGES

- Excellent chemical, wear, and impact resistance
- Moisture Tolerant
- Thermal Shock Resistant
- Low maintenance
- VOC (EPA Method 24) SCAQMD Compliant
- Fast cure time
- Low odor application
- Chemical resistant finishes are available

## TYPICAL USES

- Concrete floor rehabilitation
- Medium and heavy duty manufacturing
- Packaging areas
- Dry processing
- Numerous other uses-Consult with Key Resin

## PHYSICAL PROPERTIES

Test Name	Method	Value
Color		Dark Grey, Tan, Red, Black, Green and Custom Colors
VOC (Volatile Organic Content)	EPA Method 24	Refer to Individual Product Component Data Sheet
Adhesion to Concrete	ASTM D4541	300-400+ psi (Concrete Failure, varies by concrete strength)
Compressive Strength	ASTM C579	7,500 psi
Flexural Strength	ASTM C580	2,600 psi
Hardness, Shore D	ASTM D2240	80-84
Tensile Strength	ASTM C307	1,100 psi
Flammability	ASTM D635	Self Extinguishing
Abrasion Resistance	ASTM D4060, CS17 Wheel, 1000 cycles	32 mg
Impact Resistance	MIL-D-3134J	Withstands 16 ft-lbs without cracking, delamination or chipping
Resistance to Elevated Temperatures	MIL-D-3134J	No slip or flow at required temperature of 158°F
Slip Resistance	ASTM D2047	>0.6 Passes ADA recommendations

## APPLICATION

### SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared and tested for moisture as outlined in **Key Resin Technical Bulletin #1**. Work must be performed by experienced contractors. The **Key Resin Technical Service Department** is available to answer any questions.

### INSTALLATION

**KEY URECON SL** material components are mixed on site. Refer to the detailed installation instructions document and **Key Resin Technical Service**.

### CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner. Consult Safety Data Sheet (SDS) for safety and health precautions.

## MAINTENANCE

After completing the application of **KEY URECON SL**, the installer should provide the owner with maintenance instructions. **KEY URECON SL** is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing using the appropriate pad is recommended for all surfaces having a slip resistant texture. Refer to **Key Resin Technical Bulletins #3 and #3-A** for additional recommendations.

## SYSTEM OPTIONS

- Integral Cove Base
- **KEY URECON SC** as outgas preventative primer
- **KEY URECON SC** as topcoat
- **KEY ULTRACON SC** as topcoat

## TECHNICAL SERVICE

**Key Resin Company** provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. **Key Resin Sales/Technical Representatives** are available to assist. Telephone 888.943.4532 or visit [www.keyresin.com](http://www.keyresin.com).

## AVAILABILITY

**Key Resin** materials are available throughout the United States, Canada, China, and a number of other countries. Contact the **Key Resin Representative** in your area for details.