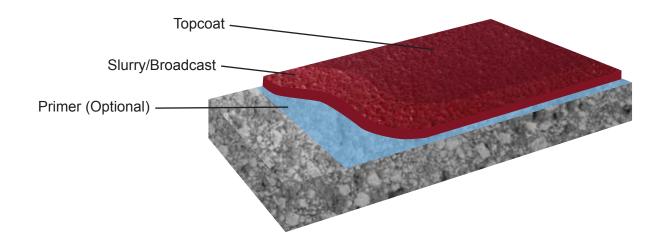
# **KEY URECON SLT**

**Technical Data Sheet** 





## DESCRIPTION

**URECON SLT** 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 SLT** exhibits high impact resistance and excellent thermal shock and chemical resistance. **URECON SLT** can be installed with an integral cove base for areas requiring seamless wall to floor coatings. Excellent for rehabbing old floors, the **URECON SLT** 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 G Greer	Grey, Tan, Red, Black, 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	
Impact Resistance	MIL-D-3134J	Withstands 16 ft-lbs without cracking, lamination 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

## **KEY URECON SLT**

**Technical Data Sheet** 



## **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 SLT** 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 SLT**, the installer should provide the owner with maintenance instructions. **KEY URECON SLT** 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 Representatives** are available to assist. Telephone **888.943.4532** or visit **www.keyresin.com**.

## **AVAILABILITY**

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



**CORPORATE OFFICE / EASTERN US / INTERNATIONAL** 4050 Clough Woods Drive . Batavia, OH 45103 513.943.4225 888.943.4532 www.keyresin.com

Rev 1/1/2017