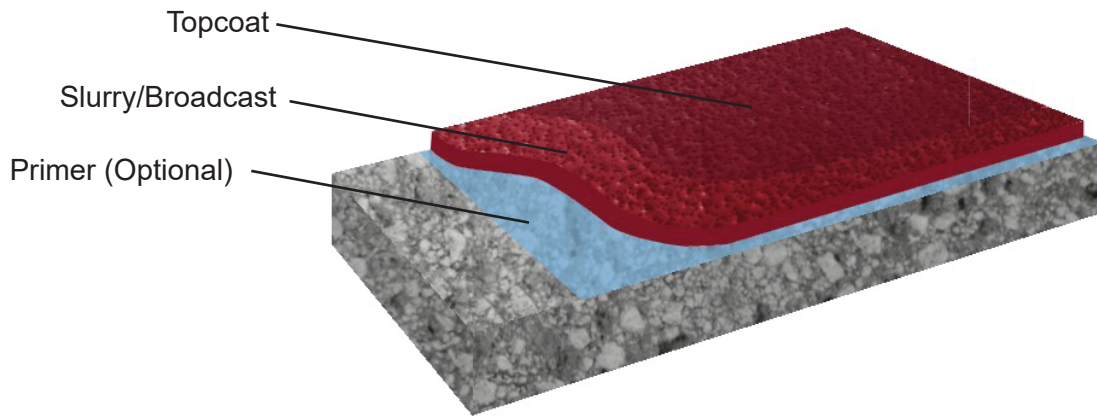


# KEY URECON SLT FLOORING

Technical Data Sheet



## DESCRIPTION

**KEY URECON SLT** is a 3/16" to 1/4" moisture vapor tolerant polymer flooring system consisting of Urecon SL, a urethane/cementitious slurry and a silica or quartz aggregate broadcast finish. This durable finish provides heavy-duty protection at 3/16" to 1/4" minimum. **Key Urecon SLT** may be finished with topcoat options to provide the required project performance. The installed system reduces porosity and produces a dense, slip resistant, sanitary finish that minimizes bacterial growth, dirt and chemical penetration. An integral cove base may be installed in areas requiring seamless wall to floor transitions.

## KEY ADVANTAGES

- Seamless floor with integral cove base
- Will not lose bond due to moisture vapor transmission
- High impact and wear resistance
- Low maintenance, sanitary
- Safe (slip resistant finishes)
- Chemical resistant finishes are available

## TYPICAL USES

- Corridors
- Restrooms & locker rooms
- Kitchens
- Freezers & coolers
- Cafeterias
- Laboratories
- Manufacturing & processing areas
- Bottling & packaging areas
- This 3/16" to 1/4" system is ideal for all areas requiring a chemical resistant, sanitary and high impact finish
- Numerous other uses-Consult with Key Resin

## PHYSICAL PROPERTIES

Test Name	Method	Value
Color		Key Standard Colors and Custom Colors
VOC (Volatile Organic Content)	EPA Method 24	Refer to Individual Product Component Data Sheet
Bond Strength to Concrete	ASTM D 4541	300 psi Concrete Failure
Compressive Strength	ASTM C-579	10,000 psi
Flexural Strength	ASTM C-580	4,000 psi
Tensile Strength	ASTM C-307	2,400 psi
Hardness, Shore D	ASTM D-2240	85-90
Thermal Shock Resistance	ASTM C-884	Passes
Thermal Expansion Coefficient	ASTM C-531	$2 \times 10^{-5}$
Coefficient of Friction	ASTM D-2047	0.80*, varies by topcoats, *100 sf/gal
Abrasion Resistance	ASTM D-4060, CS17 Wheel, 1000 cycles	32 mg Varies by topcoat
Flammability	ASTM D-635	Self-extinguishing over concrete
Water Absorption	ASTM D-570	Nil
Impact Resistance	MIL-D-3134J	Withstands 16 ft-lbs without cracking, delamination or chipping

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## APPLICATION

Concrete surfaces must be in sound condition and properly prepared prior to any **KEY RESIN COMPANY** flooring system installation. Refer to Key Resin Company Technical Bulletin #1 for specific preparation guidelines and required moisture testing. For specific installation details consult Key Resin Company's Installation Instructions Guideline.

## MAINTENANCE

After completing the application of **KEY URECON SLT**, the installer should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly. **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 finish. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating a maintenance application of a finish coat. Refer to Technical Bulletins #3 and #3-A for additional recommendations.

## SYSTEM OPTIONS

- Chemical Resistant topcoats
- Aliphatic Urethane topcoats
- HS Urethane topcoats
- Polyaspartic topcoats

## 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 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.

## WARRANTY

**Key Resin Company** ("Key") warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of Key. If any product fails to meet this warranty, the liability of Key will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Key within (1) one year of delivery of materials. Key may in its discretion refund the price received by Key in lieu of replacing the material. No customer, distributor, or representative of Key is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Key. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Key reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. KEY'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND KEY SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



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