



## DESCRIPTION

**KEY EPOCON SLT** contain graded aggregates combined with a unique epoxy technology to produce a fluid, self-leveling mixture that is spread with a flat squeegee or trowel. These systems will regulate moisture vapor transmission while providing high wear, durability, and impact resistance ideal for medium traffic areas. **KEY EPOCON SLT** are the answer for both new and renovated areas and can be installed over most sound floors. **KEY EPOCON SLT** is a 1/8" - 3/16" seamless, low maintenance, slurry-broadcast system that provides the high wear, durability, and impact resistance ideal for medium traffic areas. **KEY EPOCON SLT**s chemical and dirt resistant finish is textured to improve slip resistant and abrasion resistant properties. **KEY EPOCON SLT** can be installed with an integral cove base for areas requiring seamless wall to floor coatings. For chemical resistant applications, specify **KEY EPOCON SL(T)-HP**. Contact your **KEY REPRESENTATIVE** for assistance.

## KEY ADVANTAGES

- High wear, impact, and abrasion resistance
- Will not lose bond due to moisture vapor transmission
- Low maintenance
- Safe (slip resistant finish)
- Low odor application
- Chemical resistant finishes are available

## TYPICAL USES

- Powder rooms
- Hotel/motel bathrooms
- Warehouse floors
- Stock rooms
- Cafeterias
- Laboratories
- Corridors
- Classrooms
- Shower rooms
- Numerous other uses-Consult with Key Resin

## PHYSICAL PROPERTIES

Test Name	Method	Value
Adhesion to Concrete	ASTM D7234	300-400+ psi Concrete Failure
Compressive Strength	ASTM C579	5,600 psi
Flexural Strength	ASTM C580	2,100 psi
Hardness, Shore D	ASTM D2240	80-84
Tensile Strength	ASTM C307	1,550 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

# KEY EPOCON 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**. If moisture testing confirms excessive levels of moisture, apply moisture mitigation system recommended by **Key Resin**. Work must be performed by experienced contractors. The **Key Resin Technical Service Department** is available to answer any questions.

### INSTALLATION

**KEY EPOCON 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 EPOCON SLT**, the installer should provide the owner with maintenance instructions. **KEY EPOCON 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.

## 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.

## SYSTEM OPTIONS

- Chemical resistant version
- Broadcast for slip resistance

## 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](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.

