



# KEY RESIN #401 URETHANE TOPCOAT

## DESCRIPTION

**KEY RESIN #401** is a single component aliphatic urethane topcoat used to seal **KEY LASTIC SWS**. Exhibiting excellent resistance to ultraviolet degradation, **KEY RESIN #401** provides a high-build, chemically resistant finish.

## KEY ADVANTAGES

- Resistant to UV degradation
- Weather resistant seal coat for exterior decking systems
- Oil, grease, and chemical resistant
- Single component

## KEY CONSIDERATIONS

- Temperature and humidity sensitive cure
- Adequate ventilation and proper respirators are necessary when applied in close quarters
- Minimum application temperature of 50°F
- Interior slab on grade installation must include a vapor barrier

## COMPOSITION & COLOR

**KEY RESIN #401** is a single component, aliphatic polyurethane elastomer available in gray only. If other colors are required substitute Key #420 Aliphatic Urethane.

## APPLICATION

### SURFACE PREPARATION

Concrete surface must be in sound condition and properly prepared per manufacturer's recommendations. Refer to **Technical Bulletin #1** for surface preparation guidelines.

## INSTALLATION

Apply with a brush or roller. Allow to cure before applying a second coat.

## TECHNICAL DATA

Viscosity	1500±300 cps
Solids Content	80%
VOC	222 g/liter
Weight	8.8 lbs/gallon
Coverage	100 ft <sup>2</sup> /gallon yields 12.8 mils DFT
Pot Life (77 degrees F)	60 minutes

## DRY TIMES @ 75°F, 50% RH

Recoat	12 hours
Light Traffic	24 hours
Vehicular Traffic	36 hours

## TECHNICAL DATA

### PERFORMANCE PROPERTIES

Peel Adhesion <b>ASTM C-794</b>	50 pli
Abrasion Resistance <b>ASTM-C-501</b>	.010g loss (CS-17 wheel, 1 kg load, 1000 cycles)
Hardness, Shore A <b>ASTM D-2240</b>	85±5
Tensile Strength <b>ASTM D-412</b>	2800 psi
Elongation <b>ASTM D-412</b>	100%
Tear Resistance <b>ASTM D-1004</b>	150 pli
Chemical Resistance	No Effect – motor oil, road salt, caustic, anti-freeze, gasoline.
Weather Resistance <b>ASTM D-822</b>	No Visual Effect @ 2,000 hours
Permeability <b>ASTM E-398</b>	1.6 Perms
Fire Resistance of System <b>ASTM E-108/UL 790 (or equal)</b>	Class A on concrete

## AVAILABILITY

**Key Resin** materials are available throughout the United States, Canada, and a number of other countries. Contact the **KEY REPRESENTATIVE** in your area for details or call Key Resin at (888)943-4532.

## TECHNICAL SERVICE

**Key Resin Company** and **KRC Associates, Inc.** provide services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. Contact the **KEY REPRESENTATIVE** in your area for details or call Key Resin at (888)943-4532.

## 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.