



KEY URECON SC/PRIMER

DESCRIPTION

KEY URECON SC/PRIMER is a urethane cement primer/sealer that bonds tenaciously to properly prepared substrates. **KEY URECON SC/PRIMER** is typically applied in one coat and broadcasted with silica or colored quartz aggregate. **KEY URECON SC/PRIMER** is used as a primer and/or sealer for various Key Urecon Systems and other Key Resin Systems. When used as a sealer, **KEY URECON SC/PRIMER** protects against chemical corrosion and abrasion. An integral cove base can be installed in areas requiring seamless wall to floor transitions.

KEY ADVANTAGES

- Zero VOC, Contributes to LEED Credits
- Flat Finish, May Be Sealed with Gloss Sealers
- Excellent Chemical and Wear Resistance
- Low Maintenance, Sanitary
- Safe (Non-Skid) When Used With Non-Slip Grit
- Primer Use: Reduces Concrete Outgassing Pinholes in Key Resin Systems

KEY CONSIDERATIONS

- On or below grade installation must have an efficient vapor barrier under the slab.
- Should be applied when temperature is between 40°F and 85°F.
- Site must be free from condensation or water contamination during application and cure.
- Concrete substrate must be properly prepared and free of dirt, waxes, curing agents and other foreign materials.
- Light colors may become altered with exposure to UV spectrum light.

COMPOSITION

KEY URECON SC PRIMER is a urethane primer and/or sealer blended with a variety of graded fillers.

TYPICAL USES

KEY URECON SC/PRIMER is a 12 to 40 mil thick primer and/or coating system ideal for use in a variety of applications. As a primer it reduces potential for pinholes in various Key Resin Systems caused by concrete outgassing. As a sealer over Key Urecon TG, Key Urecon SL, or Key Urecon SLT it is suitable for heavy duty applications such as restrooms/lockers, kitchens, cafeterias, equipment maintenance areas, laboratories, manufacturing and processing areas, bottling/packaging areas, or other areas requiring a chemical resistant, sanitary, high impact, solid color finish.

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.

Mechanical mixing is required for **KEY URECON SC/PRIMER**. Installation requires using a steel trowel or squeegee to spread the material over the floor followed with back rolling. When used as a primer, broadcasting with aggregate is required. For specific installation guidelines consult **Key Resin Company's Installation Instruction Guideline**.

COLOR & AVAILABILITY

KEY URECON SC/PRIMER is available in neutral or Key Dry Oxide Pigment Colors. Price surcharge for Dark/Light Blue, Green. Custom colors may be available subject to laboratory approval and minimum quantity requirements.

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.

TECHNICAL DATA

Material Performance Properties

Flammability ASTM D-635	Self Extinguishing
Fungus & Bacteria Growth MIL-F-52505§4.4.2.11	Will not support growth of fungus or bacteria when subjected to mildew and bacterial tests.
Hardness	85-90 Shore D
VOC	Nil
Bond Strength to Concrete ACI COMM #403, Bulletin 59-43	400 psi (100% concrete failure)
Working Time	10-15 minutes at 70 degrees F.
Water Absorption ASTM D-570	Nil
Abrasion Resistance ASTM C-501	32 mg
Cure Time At 70 degrees F.	12-16 Hours for Foot Traffic 24 Hours for Full Service 8 Hours for Recoating/Topping (varies by thickness)

MAINTENANCE

After completing the application of **KEY URECON SC/PRIMER**, 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 SC/PRIMER is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating a maintenance application of a finish coat. Refer to Key Resin Technical Bulletins #3 and #3A for further information.

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. **Key Resin Sales/Technical Representatives** are available to assist you, Telephone (888) 943-4532 or visit www.keyresin.com.

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.