



DESCRIPTION

KEYLUXE is a decorative self-leveling floor system which utilizes 100% solids polymer binder resins and custom designed aggregates to produce a resin-rich material that is easily applied. Formulated to create a beautiful floor quickly or refurbish an existing resinous floor with minimal time and labor cost. Keyluxe is typically topcoated with a urethane finish that allows for many texture and sheen possibilities. Ideal for a wide variety of areas, **KEYLUXE** may be sealed with a variety of sealers to meet your facility's needs to enhance abrasion resistance, gloss retention, and slip resistant properties.

KEY ADVANTAGES

- Unique decorative appearance
- Low maintenance
- Seamless and sanitary
- Anti-slip finish available with topcoats
- Meets USGBC LEED criteria for low VOC
- Meets USDA requirements
- Easy to install and maintain

TYPICAL USES

- Healthcare facilities
- Cafeterias
- Laboratories
- Light production areas
- Classrooms
- Shower rooms
- Corridors
- Restrooms and locker rooms
- Clean rooms
- Commercial, institutional and retail spaces
- Any area requiring seamless decorative floors

PHYSICAL PROPERTIES

| Test Name | Method | Value |
|-------------------------------------|-------------------------------------|---|
| Color | | Key Standard Colors |
| VOC (Volatile Organic Content) | EPA Method 24 | Refer to Individual Product Component Data Sheet |
| Adhesion to Concrete | ASTM D7234 | 300-400+ psi Concrete Failure |
| Compressive Strength | ASTM C579 | 11,000 psi |
| Flexural Strength | ASTM C580 | 7,800 psi |
| Hardness, Shore D | ASTM D2240 | 80-84 |
| Tensile Strength | ASTM D412 | 2,400 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 | | Contact Key Resin |

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

KEYLUXE 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 **KEYLUXE**, the installer should provide the owner with maintenance instructions. **KEYLUXE** 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

- Crack isolation, waterproofing membrane
- Chemical resistant finishes
- Moisture mitigation systems
- UV resistant finishes
- Variable anti-slip finishes with 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 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 and a number of other countries. Contact the **Key Resin Sales Representative** in your area for details.

