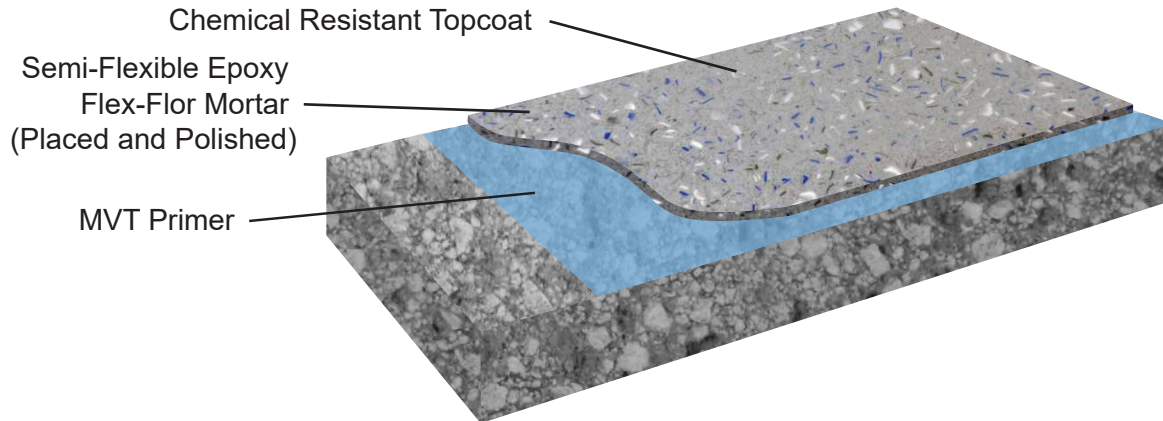


KEY LASTIC FLEX-FLOOR

Technical Data Sheet



DESCRIPTION

KEY LASTIC FLEX-FLOOR is a nominal 1/8"-3/16" resilient polymer flooring system consisting of a resilient polymer body coat, synthetic decorative filler, and clear polyaspartic or urethane seal coats. Gloss and satin finishes are available for specific sealers. The installed system produces a dense, sanitary finish that is designed to provide acoustical quietness and comfort under foot while minimizing bacterial growth and chemical penetration. The finish can be made anti-slip resistant as required for wet areas.

KEY ADVANTAGES

- Decorative color combinations with blended aggregates
- Semi-flexible epoxy absorbs movement to help resist cracking
- High Impact and Wear Resistance
- Chemical and stain resistant sealers
- Available in gloss, satin or matte finish
- High wear, impact and abrasion resistant
- Seamless, sanitary, resists bacteria and fungal growth, available with anti-microbial agents
- System includes a moisture vapor transmission (MVT) primer
- Low VOC meets LEED requirements

TYPICAL USES

- Cafes
- Hallways
- Offices
- Schools
- Laboratories
- Healthcare facilities
- Institutions
- Pharmaceutical facilities
- Shopping malls
- Light Manufacturing

PHYSICAL PROPERTIES

| Test Name | Method | Value |
|-------------------------------------|--------------------------------------|---|
| Color | | Key Standard Colors and Standard Aggregate Blends |
| VOC (Volatile Organic Content) | (EPA Method 24) | Refer to Individual Product Component Data Sheet |
| Adhesion to Concrete | ASTM D7234 | 300-400+ psi Concrete Failure |
| Indentation | MIL-D-313AF | 2,000 psi for 30 mins Indentation - 0.024" |
| Water Absorption | ASTM D570 | 0.010% |
| Hardness, Shore D | ASTM D2240 | 45-50 |
| Thermal Shock Resistance | ASTM C884 | Passes |
| Flammability | ASTM D635 | Self Extinguishing |
| Impact Resistance | Gardner Impact Test ASTM D2794 | >160 in-lbs |
| Abrasion Resistance | ASTM D-4060, CS17 Wheel, 1000 cycles | 10-45 mg* *Varies by sealer type |
| 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 |

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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 LASTIC FLEX-FLOOR 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 the **KEY LASTIC FLEX-FLOOR SYSTEM**, the installer should provide the owner with maintenance instructions. **KEY LASTIC FLEX-FLOOR** 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.

SYSTEM OPTIONS

- Gloss, satin or matte finish
- Anti-microbial additive
- Integral cove base

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.

AVAILABILITY

Key Resin materials are available throughout the United States and a number of other countries. Contact the **Key Resin 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.

