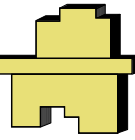


KEY RESIN COMPANY



KEY INDUSTRIAL

DESCRIPTION

KEY INDUSTRIAL is a heavy duty, trowel applied polymer modified flooring system consisting of acrylic polymer, graded aggregates, and cement. Typically installed at 1/4" or thicker, **KEY INDUSTRIAL** conforms to the requirements of military specification MIL-D-3134, type II, class 1.

KEY INDUSTRIAL may be sealed to meet your facility's needs to enhance abrasion resistance, gloss retention, and non-skid properties. For chemical resistant applications, specify **KEY INDUSTRIAL-HP**.

KEY INDUSTRIAL can be installed with an integral cove base for areas requiring seamless wall to floor coatings. It is a breathable system making it an ideal solution for areas exhibiting moisture vapor transmission. Contact your **KEY REPRESENTATIVE** for specification assistance.

KEY ADVANTAGES

- Allows Moisture Vapor Transmission for on or Below Grade Applications
- Excellent Thermal Shock & High Heat Resistance
- Low Maintenance
- Safe (non-skid)
- Low Odor Application
- Chemical Resistant Finishes are Available

KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 55°F (Low temperature cure system available on request).
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials.
- All control joints and expansion joints in the substrate must be revealed with the appropriate divider strips in the topping.
- Movement of substrate cracks may transmit through system.

SELECTION GUIDE

↔	Activity Centers	
	Aircraft Hangars	
↔	Airports	Baggage/Service Terminals
↑	Animal Areas	Housing
↑		Cage Washing
↔	Beverage	Processing
↑		Packaging/Warehousing
↑		Bottling
↔	Cafeterias	
↑	Chemical Processing	
↑	Clean Rooms	
↔	Coolers	
	Computer Assembly	
↑	Commercial Kitchens	
	Containment Areas	
	Convention Centers	
↑	Correctional Facilities	
↑	Corridors	
↑	Docks/Ramps	
↑	Dairies	
↑	Distilleries	Packaging
↑		Bottling
↑	Food	Processing
↑		Preparation Service
	Garages	
	Hospitals	Corridors & Lobbies Patient Rooms Operating Rooms
↑		Services
↑	Laboratories	
↑	Laundries	
↑	Locker Rooms	
↑	Machine Shops	
↑	Manufacturing	Light Duty Heavy Duty
↑	Meat, Fish, Poultry Processing	
↑	Mechanical Equipment Rooms	
	Munitions Facilities	
	Parking Garages	Interior Decks Exterior Decks
↑	Pharmaceutical Plants	
↑	Pulp and Paper Processing Facilities	
	Schools	
	Shopping Malls	
↑	Showers	
↔	Utilities	
↔	Warehouses	
↑	Waste Water Treatment Facilities	

↑-Excellent Choice ↔-Alternate Choice

TECHNICAL DATA

System Performance Properties

Flammability ASTM D-635	Non-Burning
Fungus & Bacteria Growth MIL-F-52505 §4.4.2.11	Will not support growth of fungus or bacteria when subjected to mildew and bacteria tests.
Hardness ASTM D-2240	80-85 Shore D
Bond Strength to Concrete ACI COMM #403, Bulletin 59-43	275 psi (100% concrete failure)
Flexural Strength ASTM C-580	2,000 psi
Coefficient of Friction ASTM D-2047	0.80
Water Absorption ASTM D-570	0.10%
Thermal Shock Resistance ASTM C-884	Passes
Abrasion Resistance ASTM C-501	Depends on Finish
Impact Resistance MIL-D-3134F §4.7.3	16 ft./lbs.--0.003 inches indentation
Compressive Strength ASTM C-579, 7 days	6,500 psi
Tensile Strength ASTM C-307	835 psi
Thermal Coefficient of Expansion ASTM C-531	6-10 x 10 ⁻⁶

TYPICAL USES

KEY INDUSTRIAL is used in heavy traffic and production areas such as manufacturing plants, loading areas, processing and preparation areas, machine shops, and laboratories.

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.

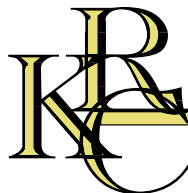
Installation of **KEY INDUSTRIAL** involves several steps including priming, troweling base toppings, grouting, and sealing. For specific installation guidelines consult **Key Resin Company's Installation Instruction Manual**.

MAINTENANCE

After completing the application of **KEY INDUSTRIAL**, 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.

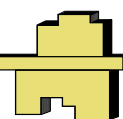
KEY MORTAR INDUSTRIAL is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating a maintenance application of a finish coat.

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.



KEY RESIN COMPANY

4061 Clough Woods Drive
Batavia, Ohio 45103, 888.943.4532



Key Industrial-2

COMPOSITION

KEY INDUSTRIAL combines portland cement with an acrylic emulsion and graded aggregates. A wide selection of finish coats is available to meet various exposure requirements.

COLOR & AVAILABILITY

KEY INDUSTRIAL is available in a variety of standard colors. Custom colors are available subject to laboratory approvals, minimum quantities, lead time for production and increased cost. Colors will not fade or wear thin.

Key Flooring Systems are available throughout the United States, Canada, and a number of other countries. Contact the **KEY REPRESENTATIVE** in your area for details.

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 REPRESENTATIVES** are available to assist you at any time. CALL (888)943-4532.