



EPOCON

DESCRIPTION

EPOCON uses a unique epoxy technology which allows the contractor to install epoxy systems on new concrete (4-5 days old) without fear of moisture entrapment. **EPOCON** exhibits greater than 100 times the permeability of standard epoxy slurries and mortars.

EPOCON is used as a base for **KEY QUARTZ SYSTEMS** and as a binder for **KEY MORTAR SYSTEMS** when moisture is a concern.

KEY ADVANTAGES

- High Moisture Tolerance may Reduce Moisture Transmission
- Exhibits Greater than 100 times the Permeability of Standard Epoxy Slurries and Mortars.
- Excellent Ultra-Violet Stability
- High Impact Resistance without Fracturing
- Bonds well to cool, damp substrates

KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials

COMPOSITION

Epoxy Resin, Polyamines and Fillers

COLOR SELECTION

EPOCON is available in White, **Key Standard Colors**, and Custom Colors as approved.

APPLICATION

SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in **KEY RESIN COMPANY'S TECHNICAL BULLETIN #1**. Work must be performed by trained or experienced contractors or maintenance personnel. The **KEY RESIN COMPANY** service department is pleased to answer any questions.

INSTALLATION

Installation of **EPOCON** varies with application needs. Typically, **EPOCON** is installed as a slurry with a flat or notched trowel. Spiney rollers are required to de-air mix after spreading. For specific instructions, contact your **Key Representative** or **Key Resin Company's Technical Service**.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner.

COVERAGE

12 ft² per gallon yields 1/8"

3-gallon unit yields 36 ft² at 1/8"

27 ft² at 3/16"

TECHNICAL DATA

Viscosity @ 75°F	3,500 cps
Mixing Ratio	1 Part A to 5 Parts B by Volume; 10 Parts A to 1 Part B by Weight
Solids Content	85%, by volume
Volatile Organic Content (VOC)	-0-
Weight per gallon	11.0-11.5 pounds per gallon, mixed

CURE/DRY TIME

Pot Life	45 minutes @ 75°F
Dry to Touch	4-5 hours @ 75°F; 14-16 hours @ 75°F
Re-Coat	8-12 hours @ 75°F
Light Traffic	overnight
Full Cure & Maximum Resistance	5 days

AVAILABILITY

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

MAINTENANCE

After completing the application of **EPOCON**, 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.

EPOCON 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.

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.

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.

