

# Industrial Epoxy

## EPOXY COATING

### DESCRIPTION:

KML's Industrial Epoxy is an industrial strength, 96-100% solids, hi gloss, smooth epoxy coating. Typical use areas are heavy traffic aisles, industrial work areas, clean rooms, etc... where a durable, easily cleanable and maintainable surface is required.

KML's Industrial Epoxy floor coat is a two component, hi build, hi solids industrial epoxy coating system composed of KML Ter-Poly Cure And KML Ter-Bond at a 1:2 ratio.

The two-component product provides for long-term storage stability. Once the two components are mixed to create KML's Industrial Epoxy, pot life is approximately 30-40 minutes.

### GENERAL APPLICATIONS:

Surface Preparation - All areas should be mechanically steel shot blasted and/or stone ground to remove all dirt, grease, loose and fatigued concrete and to open the pores of the concrete to accept primer.

### Typical Product Characteristics

|                       |                     |
|-----------------------|---------------------|
| % Total Solids .....  | 97.2                |
| VOC .....             | 0.31 pounds/gallon  |
| Density .....         | 10.63 pounds/gallon |
| Pot Life @ 77°F ..... | 30-40 minutes       |
| Set Time @ 77°F ..... | 10-12 hours         |
| Color .....           | Multiple            |
| Coverage.....         | 160 sq. ft/gallon   |

Surface Priming and Patching – All expansion joints shall be filled with epoxy filler. Before priming, the entire floor and surrounding areas shall be hand swept and magnetically broomed to remove all shot and debris. A squeegee coat of 100% solids epoxy shall be applied at the amount of 175 square feet per gallon. After the primer has cured, all remaining cracks, holes and/or rough areas shall be patched (100% solids epoxy mixed with a fumed silica to paste-like consistency) using had trowels or putty knives.

Coating – A hi build, hi solids pigmented epoxy coating shall be applied using a roller or squeegee, back rolling the surface layer to provide a uniform density. The topcoat will facilitate easier cleaning and maintenance of entire system.