



# Topaz Industries

*Topaz Industries Inc.*

## Permabond E-300

### PERMABOND E-300

High strength epoxy adhesive, bonding agent, waterproofer.

### PURPOSE:

**PERMABOND E-300** is a structural adhesive for bonding concrete to any rigid surface without chipping, breaking up or scoring concrete surfaces. **PERMABOND E-300** main application is to permanently fix a fresh concrete overlay to an existing concrete surface. Structural bonding, waterproofing, and vaporproofing are accomplished at the same time. Bond strengths achieved are much higher than those of concrete itself.

**PERMABOND E-300** is used to bond a fresh concrete surface to spalled, disintegrated or damaged concrete on pavements, airfield landing strips, bridges, factory floors or any other place, interior or exterior, above or below grade. **PERMABOND E-300** makes it possible to place low-cost, low-weight, thin terrazzo flooring in both new and existing structures by eliminating the 1 1/2 inch sand-cement bed normally used.

**PERMABOND E-300** can also be used as a high solids epoxy coating where extreme abrasion, water or chemical resistance is needed, for example in sewer pipes.

### DESCRIPTION:

**PERMABOND E-300** is a two-component epoxy formulation consisting of a base resin and an activator in separate containers. When mixed, a free flowing, self-leveling, brushable coating is obtained. This coating is applied to a rigid surface such as cured concrete, wood or steel. While it is still tacky, a concrete topping is placed on the surface. **PERMABOND E-300** cures itself chemically, transforming the coating into a durable, impervious, waterproof film. During this curing cycle, two bonding actions take place, one between the existing surface and **PERMABOND E-300**, the other between **PERMABOND E-300** and the fresh concrete. The strength of this bond is many times that of monolithic concrete.

[Vendor Information](#)