

**Specification for Type ES  
(Epoxy Slurry) Polymer Overlay  
for Bridge and Parking Garage Decks**

An ACI Standard

Reported by ACI Committee 548



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## **Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks**

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*This Specification covers epoxy slurry (ES) overlay for bridge and parking garage decks. Type ES polymer overlay incorporates low-modulus epoxy-based slurry and selected aggregate to produce a flexible, skid-resistant, and water-resistant overlay. The overlay may be used for both new construction and rehabilitation. The overlay is placed by applying the polymer slurry to the surface and broadcasting aggregate. This Specification includes requirements for chemical components, aggregates, storage and handling, surface preparation, surface profile, mixing, placement, finishing, and quality control.*

**Keywords:** aggregate; bridge decks; epoxy; mortar; overlays; parking garage decks; polymer; premixed; resin; slurry.

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