



Shrinkage-Compensating Concrete - Bridges

"Crack Free Decks" – Concrete International Ed Rubin

ASTM C-845 Type K Cemen

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Myths That Can Be Dismissed Equipment, mixes, design, conditions • SCC - Use Same Production, Pumping, Placing Equipment • Water Cement Ratio Required .44 to .55 (5 to

- 6" Slump) No Bleed No Water of Convenience
- Can Use Traditional Design and Reinforcing
- Can Place Outside and During Daylight
- Same Hot or Cold Weather Practices as PCC

































Green A Total of 13 LEED Point Are Available With ASTM C-845 Type K Komponent Cement Lower Heat Island Effect Use of Re-Cycled Materials

- Low Emitting Materials
- Low CO2 Output in Production

Shrinkage Compensating Cements Several International Cement Manufactures Marketing in USA "K" is Available Throughout USA, Canada, Mexico and South America

- Sell Primarily to Ready Mix Producers
- Some Flatwork Contractors Have Silos
- Incorporates Traditional Concrete Materials and Mix Design Protocols
- Very Workable Concrete

