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## Cool Epoxies for Hot Summer Days

Which low viscosity resin can be used in large voids, steel column jackets, tank grouting, unconsolidated concrete, long travel cracks and has super chemical and radiation resistance?



Pacoima Dam injection



SFO beam repair

or pumped through the Model B injection pump. It has a very long gel time even at temperatures as high as 100+°F. It also has the lowest odor of any injection resin so it never gets complaints from sensitive types.

The answer is **CCS Grout, Low Exotherm**. This versatile injection resin can be mixed in bulk due to its low exotherm

**See our updated website:  
[www.chemcosystems.com](http://www.chemcosystems.com)**

Grout, Low Exotherm has been selected for several

interesting recent projects:

- ◇ Restoration of columns in a pulp mill with steel jackets,
- ◇ Repair of construction joints at a large dam,



Tank bottom grouting

- ◇ Void filling under the sagging bottoms of fiberglass tanks holding soy sauce,
- ◇ Beam strengthening and repair at an airport parking deck,
- ◇ Segmental bonding repair on an elevated railway, and a
- ◇ Nuclear plant in Africa.

We also offer a selection of filled and paste products with long gel times. These are useful during hot weather, for bulk mixing, or when long open times are required.

**CCS Bonder Liquid, LWL** is a liquid most often used for bonding old-to-new concrete or cementitious patches. It's useful for vertical dowels because pouring from bulk is fast.

**Paste, LWL and Dowel/Rebar/Bolt, LWL** are pastes with decreasing viscosities (right-to-left). The latter is a 1:1 mix and can be pumped with the Model C.

## Nanjing Bridge, China

A town of 2 million people located 275 km NE of Shanghai has been the destination for 4 ChemCo staff this year. The project is a new cable-stayed bridge under construction across the Yangtze River.

After almost a year of evaluation and physical testing, local officials selected ChemCo's **Epoxy Asphalt** as the pavement for the orthotropic steel plate deck. Shakedown of specialized equipment occurs this month followed by paving in September and October.



Second Nanjing Bridge

The deck is 1238 m long and 30 m wide (~400,000 ft<sup>2</sup>) and will use 2700 drums of binder and resin along with specialized equipment designed and built by us.

Wish us luck as we proceed into full-scale paving!