



EQUIPMENT & PRODUCTS

INNOVATIONS

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REPAIR/RESURFACING BINDER

Proprietary cement powder requires only mixing with water in a bucket, then pouring. Within minutes, the mixture reportedly is hard and hot, due to the chemical reaction of combined ingredients. The manufacturer affirms that users can drive on the surface within an hour of placement. The company's Pavemend line of repair products can be applied to a 35-degree slope as well as steel. Another product, Surfifix, suits floor resurfacing requirements.

The products are 'green' insofar as they are made of industrial waste streams, including fly ash, and recyclable materials, product developers contend. Although the binding agents are approved for use by nearly two dozen state transportation agencies, the company's biggest customer to date is the Department of Defense. The Army has used the products to repair runways and roadways in Iraq ripped up by improvised explosive devices. Company officials report that combat engineers can fill the holes quickly, eliminating hours-long guard duty during curing; and, it can be poured in a wide range of temperatures, from 120 to 321 degrees Fahrenheit to below freezing. **CeraTech Inc.**
<http://www.ceratechinc.com>