

Articles

[Current issue](#)

[Past issues](#)

[News update](#)

Resources

[News release](#)

[Media kit](#)

[Contact us](#)

[Subscribe](#)

Online Magazine



[Download August 2006](#)

[Online PDF](#)

February 2007 issue

Product News

PAVEMEND makes concrete repairs strong, quick

CERATECH has released its new line a line of non-portland, non-epoxy, all-weather, high-performance concrete repair and rehabilitation materials called PAVEMEND.

It is specially designed for rapid concrete repair and is engineered to address the constraints posed by traditional construction materials, including: extreme weather applications, rapid return to service of critical assets, ease of use, shrinkage, resistance to thermal

U.S. Military forces worldwide have tested PAVEMEND for numerous strategic purposes, including force protection, aircraft runway and infrastructure repair applications.

In addition to the U.S. Military, PAVEMEND has also been used extensively by municipalities, departments of transportation, aviation and port authorities.

"Our advance testing with the U.S. Military, and within the construction industry, has shown that PAVEMEND technology is achieving high levels of success as an alternative solution for today's most challenging repair and construction applications," said CEO Jon Hyman.

The PAVEMEND line of products is comprised of non-traditional cementitious materials, including very rapid setting, self- and semi-leveling structural repair mortar; structural repair concrete; and new construction concrete.

A single component powder that is water activated, PAVEMEND becomes a slurry mix that, when poured onto the area to be repaired, bonds tenaciously to most construction materials including steel. PAVEMEND will reach compressive strengths of more than 3,000 PSI within 60 minutes of final set; making it useful for urgent infrastructure repair scenarios where a one-hour return to service is important.

PAVEMEND, which can be applied in ambient temperature ranges from 0 to 100 degrees Fahrenheit, can be used as a repair material for roads and bridges, airport runways, warehouse or manufacturing facility floors, post-tension cable repairs, form and pour projects, and architectural and new construction applications.

When correctly applied, PAVEMEND products are effective for the repair of vertical, sloped and horizontal surfaces, to include spall and crater failures; as an overlay; as an anchor for bolts; and as a grout. PAVEMEND is non-hazardous and can clean up with water. It is made from environmentally friendly "green sustainable" materials that use waste stream products such as micro-aggregate and do not contain binders that require high energy consuming manufacturing processes.

For more information, see www.ceratechinc.com. CM