



**PRESS RELEASE**  
**For Immediate Release**  
**July 25, 2008**



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## **Ceralink Team Announces Full-Scale MAT Operation**

**Troy, New York – July 25, 2008** Ceralink Inc. (Troy, NY); Thermex Thermatron, LP (Louisville, KY); and Harrop Industries (Columbus, OH), announce today the completion of their cooperative effort to design, build, and successfully operate a full-scale, (30 ft<sup>3</sup>), 1600°C, Microwave Assist Technology (MAT) elevator kiln. The kiln is located at Touchstone Research Laboratories (Triadelphia, WV). This full-scale MAT kiln has successfully reduced the firing time of a strategic carbon foam product, and a ceramic composite used in the power generation industry.

Microwave Assist Technology, (MAT) is ideal for processing ceramic materials. Processes that will benefit from MAT include sintering, binder burnout, and calcining. Significant time (up to 80%), and energy reductions (up to 60%), reduced calcining temperatures, and improved properties are demonstrated benefits of MAT. Target industries include electronic ceramics, structural ceramics, rapid manufacturing, and new product development.

MAT offers microwave heating enhancement to traditional kiln technology. MAT is the combination and simultaneous application of radiant (gas or electric) heat with microwave energy. Additional information, products and licensees are available from Ceralink Inc., by contacting Morgana Fall at (518) 283-7733 or [morgana@ceralink.com](mailto:morgana@ceralink.com).

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