THERMBOND EXTENDED SET FORMULATIONS

Thermbond® – A Patented Refractory System

Thermbond® refractory products are a complete line of engineered refractory materials. Thermbond® is a two-part system (dry formulation & liquid activator) added together to form a uniquely bonded refractory material. This system provides benefits that set Thermbond® apart from conventional materials.

Fast Return to Service

Thermbond refractories enable a rapid return to service for many heat-intensive industries. Thermbond sets and can be fired in very quickly (as much as 500°F per hour without any holds). This can be a tremendous benefit to a furnace operator, allowing the furnace to reach full production hours and sometimes days faster than conventional refractory materials.

Hot Weather and Large Pours

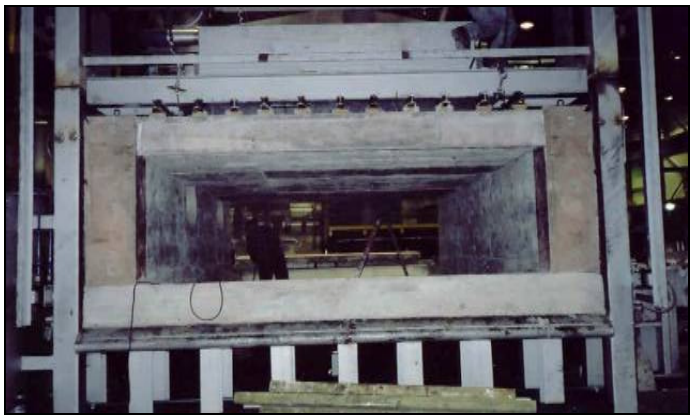
Fast setting is an advantage to the furnace operator but can be a challenge to the applicator for large pours and in hot weather, where set times are accelerated. To alleviate this many of the Thermbond series are available in "L" and "E" formulations. These "L" (Longer) and "E" (Extended) formulations are designed to give increased working time with the materials for larger pours and in hotter environments.

Longer Working Time

The actual setting times vary depending on a number of environmental and application factors. However, as a general rule the "L" formulations tend to give roughly twice as much working time as standard formulations and the "E" formulations, as much as a couple of hours.

Versatile

Working in a hot environment? Want to cast a complete furnace roof, wall or floor in one pour? Thermbond "E" formulations offer the working flexibility to do these with ease.



INDUSTRIES SERVED

- Refining
- Rock Products
- Chemical
- Steel
- Non-Ferrous
- Die-Casting
- Power Generation
- Incineration
- Zinc
- Boiler Manufacturing
- Primary Aluminum
- Secondary Aluminum
- Precast Manufacturing
- Mineral Processing
- O.E.M. Furnace Builders
- Cremation

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