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## Thermbond® Formula Six AG

### Thermbond® A Patented Refractory System

Thermbond® refractory products are a complete line of engineered refractory materials. Each Thermbond® product is a two-part system (dry formulation and liquid activator) added together to form a uniquely bonded refractory material. The features of this bonding system provide benefits that set Thermbond® apart from conventional materials.

#### BLAST FURNACE DOME REPAIR

**Problem:** Protective refractory on the raw material delivery chute gear box had been lost.

**Criteria:** Refractory that will bond to a mix of existing refractory and perhaps steelwork (Thermbond® has a natural tendency to stick to steel); and ideally very thermal shock resistant with forgiving dry-out characteristics.

**Solution:** Thermbond® Formula 6AG gun mix

**Results:** The original scope of the repair was a quick patch to get the furnace through until the next major stop 2-3 months away. Some 5 months later, the material remains in place. The gunning of Thermbond® Formula 6AG has met and surpassed the expectations of the operators.

**Conclusion:** Necessity is the motherhood of invention. Proven and unique products offer creative solutions to today's challenges.

#### Thermbond® Advantages

- ↻ Fast setting
- ↻ No dry-out or firing process required
- ↻ Fast heat-up
- ↻ Unmatched thermal shock resistance
- ↻ Long life

Thermbond® is available as a castable, gun mix, patch or ramming mix.

