

REDUCE “LOST METAL TIME” WITH

PYROFAST Cast-in-place
repair refractory

PYROGUN Gunning
application repair
refractory

Cost Effective Liquid Phosphate Refractory Repair Materials

Compare to the TOTAL costs of low cement repair refractory.

FAST REPAIR

- **FAST SETTING**—repair cures in hours versus days for conventional low-cement castables.
- **FASTER HEAT-UP**—resistance to explosive spalling allows faster heat-up (saving days of furnace downtime) compared to low-cement castables.

LONG-LASTING REPAIR

- **EXCELLENT THERMAL SHOCK RESISTANCE**—flexible phosphate bonding provides elasticity that resists thermal shock damage from heat cycling.
- **PERMANENT CHEMICAL BOND**—forms a chemical bond to itself and old fired refractory without laminations for a strong long lasting repair.

NON-WETTING SURFACE

- **NON-WETTING BINDER**—remains Non-Wetting and Non-Reactive in Aluminum even at high operating temperatures.
- **Easier corundum removal** in furnaces containing alloys (Si, Mg, Zn) vs. low cement, high alumina refractories.



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