



MetPump® Benefits of Colloidal Silica



REFRACTORIES WITH THE LONGEST CAMPAIGN CYCLES

It seems like magic, but it's technology. MetPump® colloidal silica bonded monolithic refractory products are proprietary, patented and performance proven to deliver the best life cycles in the market. Your equipment will run longer between relines with less downtime and greater productivity. MetPump® install and dryout is significantly faster, reducing your lost production time and operational costs.

Castable, pumpable, shotcreted, precast or prefired, Metpump® contains no cement and no chemically bound water. MetPump® delivers the performance and value you need.

MetPump® characteristics include:

- **Reduced install/lost production time**
 - 12-15 tons install rates/hour
 - 40-50% faster dryout
 - 50%+ reduction in dry out costs
- **Increased campaign lifecycles**
- **Exceptional hot strengths**
- **Enhanced thermal shock/thermal cycling resistance**
- **Lowest porosity in the industry**
 - Increased abrasion resistance
 - Resistant to slag/scale buildup
- **Unlimited dry mix shelf life**
- **Safe/biodegradable (clean MSDS)**

TECHNOLOGY AND VALUE

MetPump® is technologically unique and will deliver exceptional total value by outperforming other products in the market, extending lifecycles, reducing costs and improving efficiency. Let us create a custom MetPump® product for your application.

MAGNECO/METREL

Magneco/Metrel, Inc. (MMI) is a worldwide refractory manufacturer and pioneer in the use of colloidal silica bonded monolithic refractory. Metpump® is available in precast or prefired engineered shapes and in castable, pumpable and shotcrete forms.



ISO 9001:2015 ISO 14001:2015

2023 © Magneco/Metrel, Inc. ALL RIGHTS RESERVED

740 Waukegan Road
Suite 212
Deerfield, Illinois 60015



MADE IN USA

magneco-metrel.com