



Aluminum | Precast Shapes | Steel

Plibrico Protective and Parting Agent Coatings

Protect Substrates From Molten Metal

LOWER MAINTENANCE COSTS OF YOUR REFRACTORY AND TOOLING

Today's heat processing operation managers are challenged with the endless pursuit of high productivity. Key to achieving that goal is the ability to reduce maintenance time and unexpected downtime, in addition to increased process efficiency and refractory life. Selecting the correct type of coating and method of application is one proven and economical way managers can move closer to achieving their goal.

Unlike the days of old, today's coatings, both liquid and dry, are complex performance products that are an integral part of any total refractory solution. Selecting and applying the most appropriate coating can increase productivity by reducing the time needed for cleaning or repairing of molds, as well as providing economic benefits by minimizing the amount of lost metal.

When combined with the correct refractories, coatings offer an important tool in reducing labor costs and improving productivity. These operational benefits ultimately lead to an efficiently produced, high-quality product.

DURABLE HIGH-TEMPERATURE CERAMIC REFRACTORY COATINGS

The Plibrico Company offers a wide range of protective and parting agent coatings used in a variety of applications: melting and holding furnaces, hand and automatic ladles, thermocouple protection tubes, sow and ingot molds, troughs, casting tables, and most boards and skim tools, just to name a few.

Our PliKote line of coatings provide:

- Great adhesion to substrates, cutting maintenance costs
- Fast dry times, reducing downtime
- Excellent application and covering power, minimizing runs and teardrops, as well as blistering, cracking, or scaling on drying
- Good suspension, remix, and storage stability properties
- Superior protection against metal penetration, lowering cleaning costs

100%
COATING COVERAGE

Most refractory successes involve an effective coatings solution. High-temperature, energy-efficient ceramic coatings for refractories can help to reduce maintenance and unscheduled downtime, increase production, and improve temperature uniformity, all while enhancing product quality.

In all operating conditions, the Plibrico Company specializes in refractory design, installation, repair, and replacement of aluminum melting and holding furnaces, steel reheat furnaces, boilers, incinerators, and industrial furnaces as well as many other applications.

Our knowledge and experience supporting thousands of customers' refractory needs, provides you with a seasoned partner that can support you with reliably durable refractory solutions that will enhance your operational equipment throughout your facility.

For a knowledgeable partner you can trust, contact Plibrico today at 312-337-9000.

| Plibrico Coating Products | Service Temp (°F) | Shelf Life (Months) | Packaging (Gallons) | Installation | Common Applications |
|---------------------------|-------------------|-------------------------|---------------------|--------------------------------|--|
| Plibrico PliKoteMT | 3000 | 6 | 1 & 5 | Dipping, Brushing, or Spraying | Melting and Holding Furnaces, Hand and Automatic Ladles, Thermocouple Protection Tubes, Sow and Ingot Molds, Troughs, Casting Tables, most Boards and Skim Tools |
| Plibrico PliKoteMT Dry | 3000 | 12 | 25 | | |
| Plibrico PliKoteTD | 2600 | 6 | 1 & 5 | Brushing (preferred method) | Precast Shapes, Troughs, Ceramic Ladles, Cast Iron Ladles and T/C Protection Tubes |
| Plibrico PliKoteBN | 2900 | 12 | 1 & 5 | Dipping, Brushing, or Spraying | Ceramic and Metallic Hand and Automatic Ladles, Thermocouple Protection Tubes, Prefired Refractory Surfaces including Precast Troughs and Furnace Linings |
| Plibrico PliKoteBN Dry | 2900 | 12 | 25 | | |
| Plibrico PliKoteGMC | 3000 | 12 | 5 | Dipping, Brushing, or Spraying | Metallic Surfaces including Ingot and Sow Molds, Ladles, Thermocouple Protection Tubes, Ferrous and Non-Ferrous Surfaces |
| Plibrico PliKoteHMC | 2400 | N/A (processed mineral) | 2000 (lbs) | Rubbing and Buffing | Patching cracks in casting and transfer troughs, Dross Pans |
| Plistix900 F | 3400 | 12 | 50 (lbs) | Brushing, or Spraying | Melting and Holding Furnaces |

**See Plibrico Company Technical Data Sheets for all the information on each product.*



Plibrico Refractory Solutions

REFRACTORIES • ENGINEERING • CONSTRUCTION



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