



**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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