



**Plibrico®**

**Aluminum | Steel | Power Generation**

# **Plibrico Redi-Shapes® Precast Refractory Shapes**

**Custom-Engineered for Fast Installation**



## ACCELERATE REFRACTORY REPAIRS

Due to increased production volume pressures on domestic operations, the furnaces, boilers, and incinerators used to handle and process product are running at near capacity to meet surging demand. This ramped-up production is taking a toll on the refractories installed to protect equipment against mechanical stress, abrasion, and corrosion brought on by temperatures that could approach 3000°F. At peak production, few companies have the availability to perform time-consuming refractory repairs.

The Plibrico Company, a leader in the design, manufacturing, and installation of industrial refractories, is helping thermal processing companies significantly reduce the time and labor costs required to repair refractory linings with its Redi-Shapes® line of custom-engineered precast shapes. Plibrico Redi-Shapes are tailor-made using optimal materials to the exact specifications of a furnace, boiler, or incinerator in any size or intricate configuration, from 10-lb. bricks to 15,000-lb. engineered blocks.

## CUSTOM CRAFTED, PRECISION FORMED

Made from the highest-quality refractory materials, Plibrico Redi-Shapes provide fast refractory lining replacement in recurring high-wear zones. Our in-plant manufacturing conditions enhance consistent production, and molds are engineered to ensure a perfectly contoured, dimensionally accurate block every time:

- **Top Quality:** Stringent quality control, with hand inspections before and after firing to ensure your critical surfaces are defect free with a perfectly contoured shape
- **Customized Engineering:** Solutions and drawings that address your requirements and challenges to improve your total cost of ownership
- **Installation and On-Site Technical Support:** Experience and advice for problem areas that increase refractory strength, durability, and longevity

From delta sections and domes to small boiler components, the Plibrico Company has decades of experience producing the quality precast shapes you need.

## MEETING QUICK TIME DEMANDS

Plibrico's in-depth expertise and decades of experience in precast shape manufacturing ensures perfectly contoured, dimensionally accurate blocks molded from the company's high-quality castable and plastic refractory materials to withstand the most demanding thermal conditions.

Custom firing optimizes shape properties for specific application challenges, such as abrasion, erosion, thermal shock, or metal and slag penetration. And because they are custom made to precise sizes, Redi-Shapes eliminate the need to tear out major positions of the refractory lining adjacent to the damaged zone.

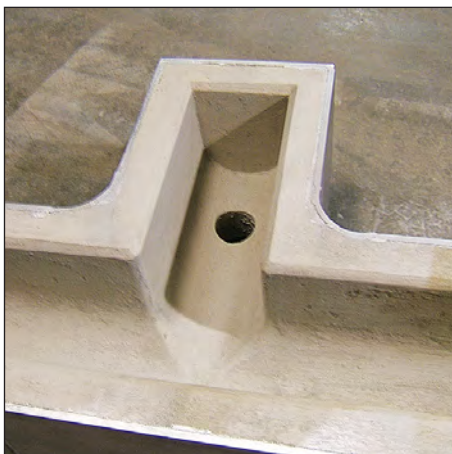
20,000+  
SHAPES IN SERVICE

# Plibrico Redi-Shapes

Proven Solutions to Ensure the Longest Service Life

## Aluminum Industry

---



Troughs and Launderers



Doors



Burner Blocks



Sills and Lintels



Big Blocks



Door Jambs

## Boiler Industry

---



OEM Compatible



Burner Shapes



Special Shapes

# Manufactured, Cured, and Dried Out in Controlled Conditions to Optimize Refractory Properties and Service Performance

## Steel Industry

---



Delta Sections



Hearth Shapes



Burner Blocks



Sills and Lintels



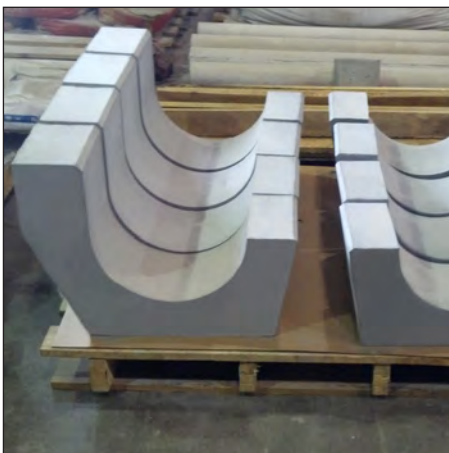
Dry Skid Blocks



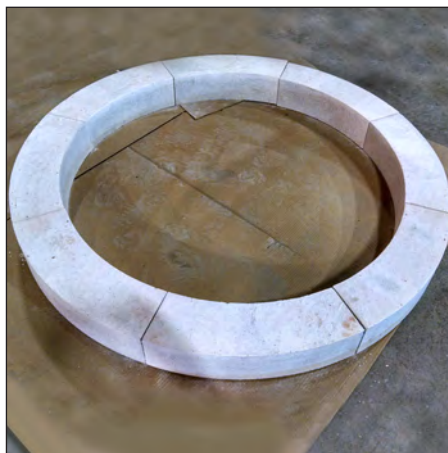
Door Jamb

## Incineration Industry

---



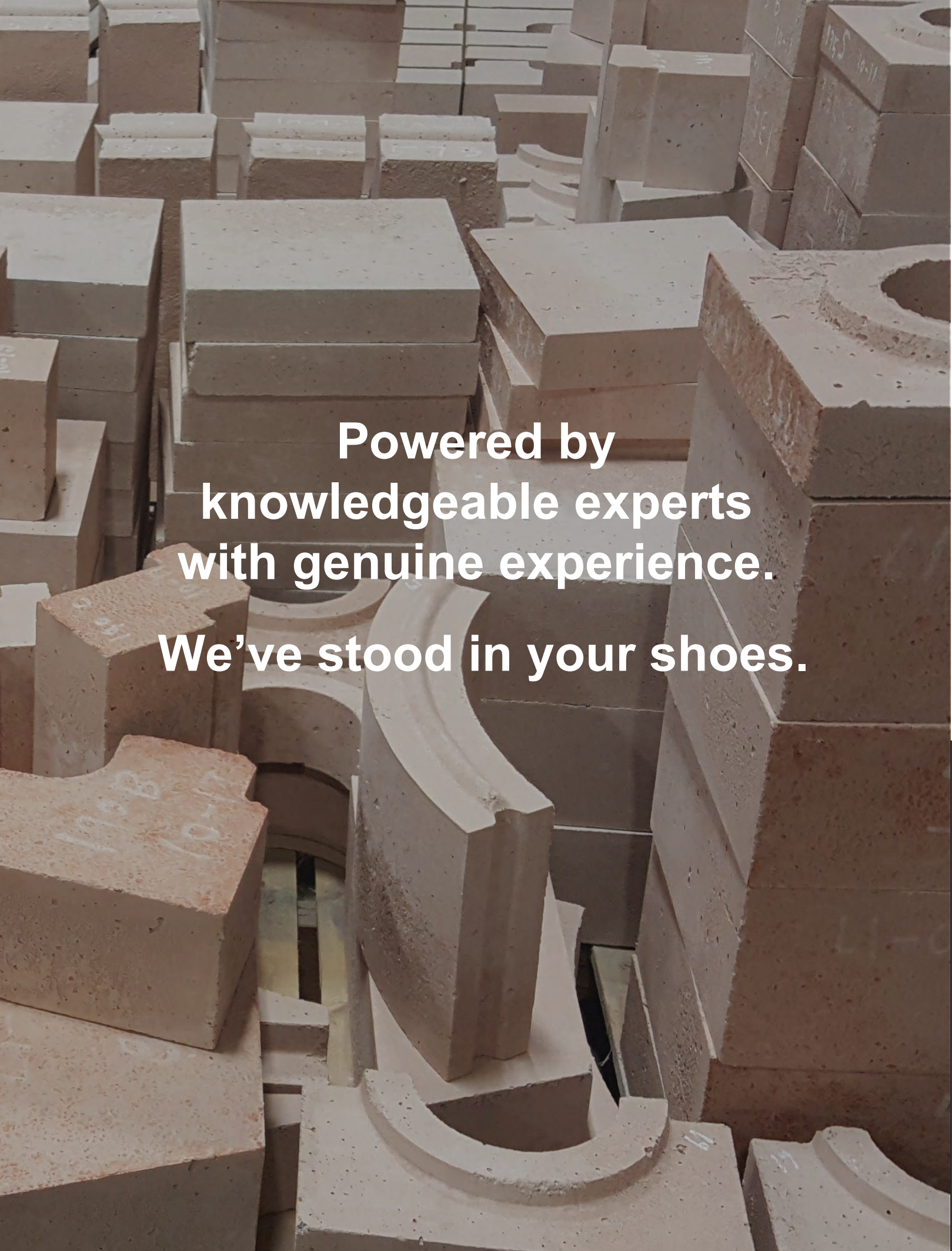
Pier Blocks



Ring Shapes



Special Shapes



**Powered by  
knowledgeable experts  
with genuine experience.  
We've stood in your shoes.**



## Plibrico Redi-Shapes Precast Shapes

**Precision Engineered; Built to Tolerate Abrasion, Mechanical Abuse, and Extreme Heat**

Plibrico Redi-Shapes consistently perform and extend service life. They are backed by knowledgeable experts with decades of experience in precast shapes manufacturing, from the design and engineering process, all the way through firing and installation. Our genuine experience provides you with a reliable partner you can trust.

Ready to install, Redi-Shapes can reduce your downtime and get your heat-processing equipment back into operation faster. Contact us today to discuss your requirements.

**Plibrico Refractory Solutions**   
REFRACTORIES | SERVICE | ENGINEERING



312-337-9000 | [contact@plibrico.com](mailto:contact@plibrico.com)  
[www.plibrico.com](http://www.plibrico.com)

1935 Techny Road - Unit 16, Northbrook, IL 60062

Copyright ©2019 Plibrico Company, LLC  
All rights reserved.