



Petrochemical | Boiler | Incineration

Plibrico Ultimate Abrasion-Resistant Refractories

Designed for Highly Erosive Areas

PROTECT YOUR VITAL OPERATIONAL EQUIPMENT

In many plants, production requirements necessitate the operation of equipment in extreme environments. The severe conditions involved may include high levels of abrasion due to mechanical scraping or airborne particulate matter. In such cases, only a refractory material with superior quality and wear-resistant properties will provide acceptable service life.

Born from our unique blend of application know-how and material science expertise, Plibrico's high-performance abrasion-resistant technology provides the most dependable and economical solution in extreme abrasion conditions. Plibrico is committed to providing you with a flexible, easy-to-install, durable, and abrasion-resistant refractory solution that will stand up to your extreme operations - consistently.

MEETING ABRASION-RESISTANT DEMANDS

Some of Plibrico's important abrasion-resistant properties include:

- **Easy to Install** – user-friendly hand-packing, casting, pumping, gunning, and shotcrete options available
- **High Abrasion Resistance** – specially designed to stand up to severe service conditions found in the most demanding petrochemical, boiler, and incineration conditions. Plistix ABR, for example, exhibits an abrasion resistance of 3 cc loss at 1500°F*
- **Longer Working Time** – mix larger quantities in each batch; reuse cutback product, minimizing waste
- **Longer Storage Life** – up to 9 months
- **Single Component** – no phosphoric acid binder, just add water. Easy shipment, nonhazardous and safe installation
- **Temperature Resistance** – up to 3000°F for HyREZIST products

* ASTM C-704

3cc

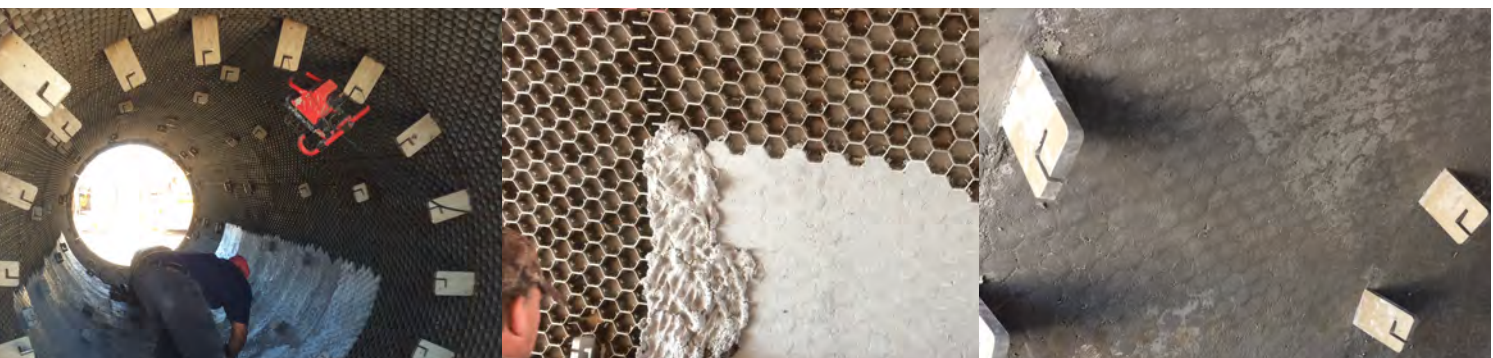
**ABRASION LOSS
AT 1500°F**

Our knowledge and experience supporting thousands of customers' refractory needs provide you with a seasoned partner that can support you with reliable refractory solutions throughout your facility.

In all operating conditions, Plibrico specializes in refractory design, installation, repair, and replacement of cyclones, risers, incinerators, cylindrical vessels, fluid catalytic cat cracker, and industrial furnaces as well as many other applications. We provide abrasion-resistant solutions that will enhance your operational equipment and keep it up and running smoothly! For a knowledgeable partner you can trust, contact us today at 312-337-9000.

Plibrico Abrasion-Resistant Products	Service Temperature (°F)	Bulk Density (pcf)		CCS (psi)		Abrasion (cc)	PLC (%)
		In Service	To Place	230°F	1500°F	1500°F	230°F to 1500°F
Plistix ABR	2500	175	175	10,500	11,500	3	-0.1 to -0.5
Pligun Fast Track 80	3100	146	146	11,000	9000	7.3	0.0 to -0.36
Pligun Fast Track 70	3100	151	151	8000	8000	9	0.0 to -0.2
Plicast HyREZIST® 3000 KK	3000	134	134	9000	7500	9	-0.1 to -0.5
Plicast HyREZIST® 2700	2700	128	128	8000	7500	13	-0.1 to -0.3
Plicast HyREZIST® 3000	3000	130	130	8500	6500	13	-0.1 to -0.2
Plicast HyREZIST® TS Mix	2500	120	120	5500	4500	20	0.0 to -0.2

Refractory Material and Services Centered Around Your Needs
 Powered by Knowledgeable Experts with Genuine Experience



Plibrico Refractory Solutions

Refractories

• Engineering

• Construction



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