

Insulating Firebrick is recommended for use as primary hot face refractory linings or as back-up insulation behind other refractories in furnaces, flues, kilns and similar high temperature industrial equipment.

### Benefits

- **High insulating value.** The light weight and high insulating value of BNZ IFB make possible thinner furnace walls, improved efficiency and lower operating costs.
- **Strong.** The high compressive strength of IFB allows for self-supporting structures at elevated temperatures. IFB are compatible with dense fire brick and add strength to the whole construction.
- **Low heat storage.** Lower heat storage versus dense brick means reduced fuel costs and faster heat-ups in cyclically operated heating equipment.
- **High purity.** BNZ IFB are low in impurities such as iron, which can adversely affect refractory performance in many applications. They are used in many furnaces with controlled atmospheres.

### AMP SERIES Insulating Firebrick

AMP Series	Temperature	Description
AMP-23	2300°F	Traditional IFB manufactured by BNZ. A history for excellent service in suspended arch designs under cycling conditions.
AMP-23 HS	2300°F	High strength ASTM 23 Grade for applications where a stronger brick than the traditional 23 is required
AMP-26	2600°F	Standard ASTM Grade 26
AMP-28	2800°F	Traditional ASTM Grade 28
AMP-3000	3000°F	Standard for true ASTM Grade 30 brick. Its low reheat shrinkage at testing temperature of 2950°F is an indication of its ability to tolerate excursions above normal operating temperatures in applications such as strip annealing furnaces.



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Allied Code	Temperature (F)	Length (in)	Width (in)	Height (in)	Pcs per CTN
5300001702	2300	9	4.5	2.5	12
5300001667	2300	9	4.5	3	10
5300002718	2300	9	6	2.5	10
5300001671	2600	9	4.5	3	10
5300002448	2600	9	6.75	3	10
5300001703	2600	9	4.5	2.5	12
5300002510	2600	9	6	3	8
5300001672	2800	9	4.5	3	10
5300001697	2800	9	4.5	2.5	12
5300001704	3000	9	4.5	3	10
5300001687	3000	9	4.5	2.5	12
5300002660	3000	13.5	4.5	3	8

\* STRAIGHT CUT \*

- All codes and sizes listed above are for **straight brick**.
- We also offer a variety of brick sizes. Contact Thermal & Integrated Materials for price and availability.
- Other cuts:
  - #1 /#2 / #3 Arch
  - #1 /#2 / #3 Wedge
  - Split



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