



BNZ Materials, Inc.

Fused Silica Brick

Refractory Products

BNZ Materials, Inc., in partnership with Tata Refractories Limited (Jamshedpur, India), provides high quality refractory products to a variety of industries.



Tata Refractories is India's leading and most modern refractory manufacturing company, with growing strength in global markets bearing testimony to more than forty years of

experience and expertise in technology. Their extensive high-alumina refractory line offers a range of compositions for use in the aluminum smelting, iron, steel, glass, chemical, and petroleum refining industries. Additional products are also available for other applications.

Contact BNZ Materials, Inc. for special refractory requirements.

Typical and Average Data of Fused Silica Bricks

Brand Name	SiO ₂ (%) Min.	B.D. (gm/cc) Min.	CCS (kg/cm ²) Min.	A.P. (%) Max.	Application Area
Tata-FS1 (Fired Fused Silica Brick)	98	1.75	250	22	For Chemical Industry; Glass Tank; Coke Oven Door
Tata-FS2 (Fired Fused Silica Brick)	94	1.70	250	22	For Chemical Industry; Glass Tank; Coke Oven Door

The typical technical data shown are based on average results on production samples and are subject to normal variation on individual tests. Hence, it cannot be taken as specification.

- Note:
1. The above data relate to pressed bricks only.
 2. AP and CCS values are arithmetic mean of individual results.
 3. Size tolerance $\pm 1.5\%$ or ± 2.0 mm, whichever is greater.

Packing: Palletised packing
Storage: To be stored in closed sheds
Shelf life: 3 years



BNZ Materials manufactures, and is a worldwide supplier of a range of specialty industrial insulations. BNZ Insulating Fire Brick has been manufactured continuously at Zelienople, Pennsylvania for more than 60 years.

In addition to the Insulating Fire Brick product line, BNZ also manufactures many grades of Structural Insulations under the tradenames Marinite, Transite and CS85. These products are designed for use from ambient temperatures to 1800°F, in densities from 46 to 100 pcf, and will meet the demanding requirements of a variety of industries and their specific needs.

Contact BNZ for more information on these products and their applications.



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TaTa Fused Silica Brick Plant Location

Zelienople

191 Front Street
Zelienople, PA 16063
Phone: **724-452-8650**
800-955-8650
Fax: 724-452-1346

CS85,™ Marinite® & Transite® Plant Location

Billerica

400 Iron Horse Industrial Park
North Billerica, MA 01862
Phone: 978-663-3401
800-888-0061
Fax: 978-663-2735

BNZ s.a.

Plémet, France

Les Landelles
B.P. 9
22210 Plémet
France
Phone: (33) 2 96 25 61 01
Fax: (33) 2 96 25 64 18

Corporate Headquarters

Denver

6901 South Pierce Street
Suite 260
Littleton, CO 80128
Phone: 303-978-1199
800-999-0890
Fax: 303-978-0308
www.bnzmaterials.com

Warranty

BNZ Materials warrants that its products are manufactured in accordance with its applicable material specifications and are free from defects in workmanship and materials using BNZ's specifications as a standard. Every claim under this warranty shall be deemed waived unless in writing and received by BNZ within thirty (30) days of the date the defect was discovered and within one (1) year of the date of the shipment of the product.

BNZ MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, IN FACT OR IN LAW, INCLUDING WITHOUT LIMITATION, THE WARRANTY OF MERCHANTABILITY OR THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, OTHER THAN THE LIMITED WARRANTY SET FORTH ABOVE.

Limitation of Liability

It is expressly understood and agreed that the limit of BNZ's liability shall be the resupply of a like quantity of non-defective product and that BNZ shall have no such liability except where the damage or claim results solely from breach of BNZ's warranty.

IT IS ALSO AGREED THAT BNZ SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR OTHER DAMAGES FOR ANY ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER THEORY, OTHER THAN THE LIMITED LIABILITY SET FORTH ABOVE.