

DURAFRAX® 2000



SHINAGAWA

MILLING AND GRINDING

TONGUE AND GROOVE TILES

As an industry leader in developing and manufacturing engineered ceramic linings to fit virtually any type of milling equipment, SHINAGAWA Specialty Ceramics Americas, designs protective systems for complex ball mill linings including continuous, batch, vibratory, and Attritor mills. Our Durafrax® linings incorporate an interlocking tongue and groove design to optimize the wear liner life. Regardless of the size and shape of your milling equipment, SSCA has the experience, expertise, and technical capability to solve your specific challenges related to erosion/wear problems.



MATERIAL EXPERIENCE

- Alumina and Bauxite
- Calcium Carbonate
- Clay and Kaolin
- Feldspar
- Glass & Frit
- Limestone
- Magnesium
- Silica Sand
- Talc
- White Cement
- Zinc
- Zircon

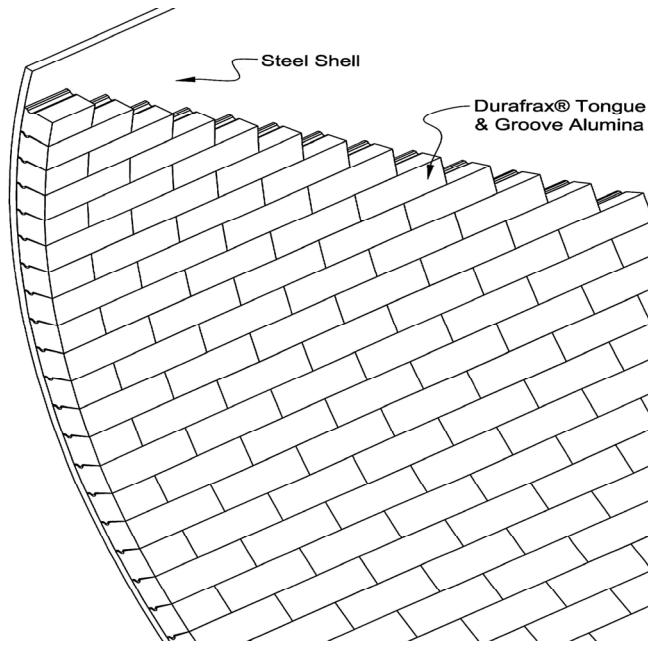
We Sell Solutions

Analyzing a wear problem is a complex process. Our design engineers understand erosion/wear problems and specify solutions to suit your operational environment, material properties, engineering tolerances, attachment methods, and material costs are all considered in a SHINAGAWA wear solution.



SHINAGAWA
SPECIALTY CERAMICS

(Continued)



Durafrax[®] is a 90% fine-grain, high grade alumina made from exceptionally pure, uniformly controlled aluminum oxide. We have engineered it to be one of the best wear materials available for fine particle abrasion. Durafrax[®] offers excellent mechanical properties, superior erosion/wear resistance, and desirable corrosion performance.

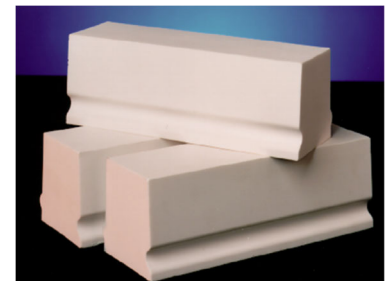
Our engineers are industry leaders in application techniques and they will work with you to determine the appropriate attachment method and adhesives for your operating environment.

SHINAGAWA manufactures Durafrax[®] 90% Tongue and Groove tile in a variety of standard sizes and shapes listed below. Also, we can Pre-Engineer a custom lining system tailored to your equipment that can be installed economically in the shop or in the field.

Tongue and Groove Liner Blocks					Saint-Gobain Part Number	Pieces Per Carton
Style:	L	T	OW	IW		
Plain	6	2	3	3	78.1323	12
	6	2	2	2	78.0997	12
	6	2	2	1 15/16	78.1018	12
	6	2	2	1 7/8	78.1047	12
	6	2	2	1 3/4	78.1026	12
	6	2	1	1	78.1027	24
	6	2	2 1/16	1 15/16	78.1269	12
	6	2	2 1/4	2	78.1283	12
	6	1	3	3	78.1311	24
	3	2	2	2	72.2357-3	24
	3	2	2	1 15/16	72.7070-3	24
	3	2	2	1 7/8	92.0622-3	24
	Weld-Al	6	2	2	2	72.3299
6		2	3	3	72.3486	12
6		1	3	3	72.3452	24

* No Tongue-Groove Only

** No Groove-Tongue Only



For more information or to order, contact your SHINAGAWA representative.

All of the above statements, recommendations, suggestions and data concerning the subject material are based on laboratory and field results, and although we believe the same to be reliable, we expressly do not represent, warrant or guarantee the accuracy, completeness or reliability of same, of the material, or the result to be obtained from the use thereof. Nor do we warrant that any such use, either alone or in combination with other materials, shall be free of the rightful claim of any third party by way of INFRINGEMENT or the like, and SHINAGAWA SPECIALTY CERAMICS AMERICAS, LLC DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



SHINAGAWA
SPECIALTY CERAMICS AMERICAS
4702 Route 982
LATROBE, PA 15650 USA
Phone: (1) 724 539-6000
(1) 800 438-7237
Fax: (1) 724 539-6070
Internet: www.SHINAGAWA-SCA.com
E-mail: sales@SHINAGAWA-SCA.com