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FBX Dura-Blok

FBX Dura-Blok is composed of high temperature mineral fibers bonded together with a special combination of organic and inorganic binders. Its low rate of moisture absorption allows placement of castable refractories in direct contact without degradation. Typical uses of FBX Dura-Blok include direct or refractory back-up installation in ovens, kilns, furnaces, power generation equipment, and a wide variety of process equipment. FBX Dura-Blok is easily cut with a knife or sawed to fit irregular surfaces.

Product Analysis

Maximum Service Temperature	1900°F
Bulk Density	17 pcf
Compressive Strength	3600 lbs/sq ft @10%.
Modulus of Rupture	94 lbs/sq.in.
Thermal Conductivity	
400°F	0.48
600°F	0.58
900°F	0.74
Linear Shrinkage @ 1900°F	2.1% typical

Chemical Analysis

Silica	40%
Calcium Oxide	31%
Alumina	13.1%
Ferric Oxide	0.7%
Magnesium Oxide	8.9%
Organics	3.75-4.5%

Note: All data subject to reasonable deviation and should not be used for specification purposes