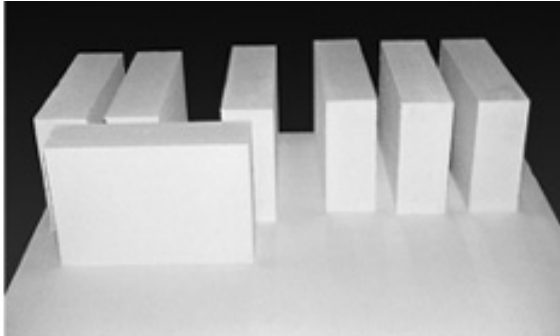




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AirCER High Alumina Boards



AirCER are engineered ceramic fiber insulation materials often used as a superior alternative to conventional vacuum-formed ceramic fiber shapes and castable products. These robust products offer superior strength, erosion resistance, high temperature stability and are often used in extremely harsh environments (i.e. areas of combustion). **AirCER** products are available in boards, cylinders, and custom shapes.

Typical Composition	AirCER 1800	AirCER 300-97-30	AirCER 1700
Al ₂ O ₃	90%	90%	90%
SiO ₂	10%	10%	10%
Other	-----	-----	-----
Density	30pcf,	30pcf,	28
Flexural Strength	290 psi	325 psi	290 psi
Compressive Strength @ 10%	180 psi	300 psi	180 psi
Thermal Conductivity (BTU in/hr °F sq ft) 2300°F @ 30 pcf 2800°F	2.31	1.9	2.11
Service use temperature	3185°F	2800°F	3000°F
Maximum use temperature	3275°F	3000°F	3100°F
Shrinkage @ service use temp	2.5%	1.5%	Linear 1%

This information, which is subject to change, is offered solely for your consideration and is not a warranty or representation for which we assume legal responsibility.