

## Ceramic

Style:

**LD – Low Density  
Ceramic Millboard**

### PHYSICAL PROPERTIES

Colour	Beige
Normal Density	17 pcf
Max. Temperature Rating	2300 <sup>0</sup> F
Continuous use Limit	2000 <sup>0</sup> F
Melting Point	3200 <sup>0</sup> F
Modulus of Rupture	100-130 psi
Compressive Strength	
@ 5 % deformation	20 – 30 psi
@10 % deformation	25 – 40 psi
Linear Shrinkage, %	
24 hrs @ 1500 <sup>0</sup> F	1.2
24 hrs @ 1800 <sup>0</sup> F	2.2
24 hrs @ 2000 <sup>0</sup> F	2.8
24 hrs @ 2200 <sup>0</sup> F	---
24 hrs @ 2400 <sup>0</sup> F	---

### CHEMICAL ANALYSIS

Alumina, Al <sub>2</sub> O <sub>3</sub>	42
Silica, SiO <sub>2</sub>	56
Calcium Oxide, CaO	---
Other	2
Loss of Ignition	4-7
Organic Material	3-6

### THERMAL CONDUCTIVITY (BTU-in/hrs-ft<sup>2</sup>-°F)

Mean Temperature	
@ 500 <sup>0</sup> F	0.47
@ 1000 <sup>0</sup> F	0.71
@ 1500 <sup>0</sup> F	1.04
@ 2000 <sup>0</sup> F	1.52