

boards

Nutec Fibratex™ Boards are processed from alumina and silica blends for applications with temperatures up to 1650°C (3000°F).

Nutec Fibratex™ Boards are vacuum formed products that are made to resist high velocities. These products provide low thermal conductivity, low heat loss and heat storage. Vacuum Formed Boards are ideal for furnace linings, boiler ducts and stacks.

FEATURES

- Low Thermal Conductivity
- Low Heat Loss and Storage
- Lightweight
- Resistance to High Velocity
- Easy to Install
- Resistant to Non-Ferrous Metals
- Contains No Asbestos

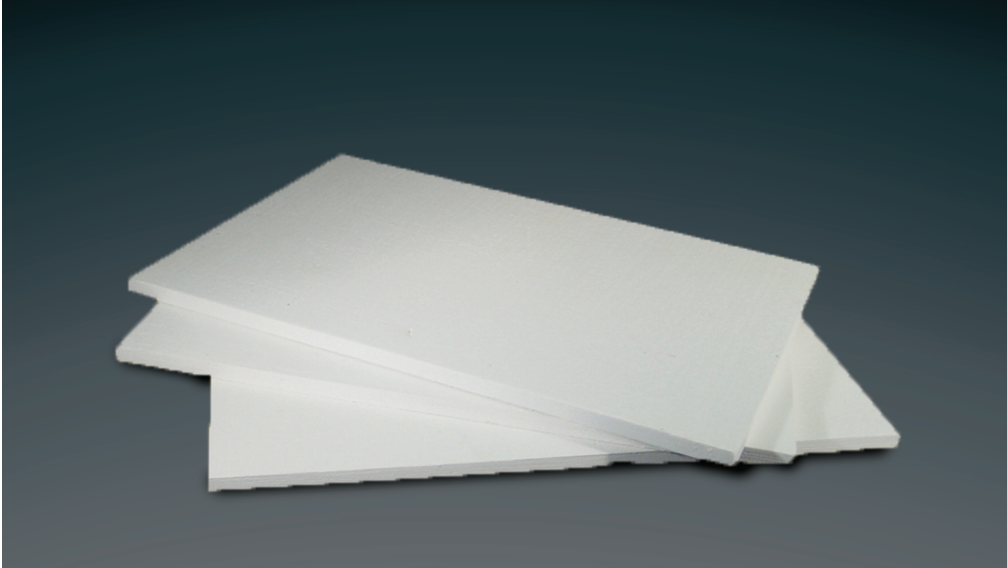
TYPICAL APPLICATIONS

- Refractory Lining for Industrial Furnaces
- Combustion Chamber Liners, Boilers and Heaters
- Expansion Joints
- Board over Blanket Linings
- Back-Up Insulation



All Board Dimensions		Standard				European			
Thickness:	1/2", 1", 1 1/2", 2", 2 1/2", 3"					10, 12.5, 25, 38, and 50 mm.			
Width:	12", 24"					610 and 1000 mm.			
Length:	36", 48"					1000 and 1200 mm.			
Technical Specifications		LD-2300		LD-2600		LD-2800		LD-3000	
Maximum Use Temperature, °C (°F)		1260 (2300)		1425 (2600)		1538 (2800)		1650 (3000)	
Continuous Use Limit, °C (°F)		1149 (2100)		1316 (2400)		1425 (2600)		1540 (2800)	
Melting Point, °C (°F)		1732 (3150)		1780 (3236)		1850 (3362)		1815 (3300)	
Density Kg / m³ (lbs./ft³)		256-320 (16-20)		256-320 (16-20)		256-320 (16-20)		256-320 (16-20)	
Thermal Shrinkage (%) 24 Hrs. @ 1200°C (2192°F)									
2 - 3				2 - 3		1 - 2		@1540°C (2800°F) < 4	
Chemical Analysis (%)									
Al ₂ O ₃		39 - 41		48 - 50		63 - 65		63 - 65	
SiO ₂		52 - 54		45 - 47		32 - 34		35 - 37	
Others		2 - 3		1 - 2		1 - 2		--	
L.O.I. Organic / Inorganic		4 - 6/ 0		4 - 6/ 0		5 - 6/ 0		4 - 6/ 0	

boards



Technical Specifications	HD-2300	HD-2600	HD-3000
Maximum Use Temperature, °C (°F)	1260 (2300)	1425 (2600)	1650 (3000)
Continuous Use Limit, °C (°F)	1149 (2100)	1316 (2400)	1540 (2800)
Melting Point, °C (°F)	1732 (3150)	1780 (3236)	1815 (3300)
Density Kg / m ³ (lbs./ft ³)	416 - 480 (26 - 30)	416 - 480 (26 - 30)	416 - 480 (26 - 30)

Thermal Shrinkage (%) 24 Hrs. @ 1200°C (2192°F)

1 - 2

1 - 2

@1540°C
(2800°F)
< 4

Chemical Analysis (%)

Al ₂ O ₃	43 - 45	52 - 54	71 - 73
SiO ₂	47 - 49	41 - 43	27 - 29
Others	2 - 3	5 - 7	--
L.O.I. Organic / Inorganic	4 - 5 / 0	4 - 5 / 0	4 - 6 / 0