

TECHNICAL DATA SHEET

**CÓPIA NÃO
CONTROLADA**

**Code: 6205
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PRODUCT: CERAMIC FIBER BOARD LD 3000

Description: Nutec Ibar board is a vacuum formed product using ceramic fiber mixture and chemical additives that resists higher gas velocities than ceramic fiber blanket.

Mean Application:

- Refractory lining for industrial furnaces in walls, roofs, doors, stacks.
- Combustion chamber liners, boilers and heaters.
- Back-up insulation for brick and monolithic refractories.
- Transfer of molten aluminum and other non ferrous metals.
- Expansion joint boards.
- Barrier against flame and heat.

Packaging: Paper box

Identification: Label with product name, dimension, quantity, lot number, fabrication date.

Storage Life: Without limit (if properly stored)

Chemical Analysis

Al_2O_3	SiO_2
63-65	32-37

Typical Physical Properties

-Maximum use limit	(°C)	1650
-Continuous use limit	(°C)	1540
-Melting point	(°C)	1815
-Density	(Kg/m ³)	288
-Linear Shrinkage 1540 °C x 24 h	(%)	<4
-Thermal Conductivity.....	(W/m.K)	
	316°C	0,07
	538°C	0,09
	760°C	0,14
	1094°C	0,20