

TECHNICAL DATA SHEET

**CÓPIA NÃO
CONTROLADA**

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PRODUCT: CERAMIC FIBER BOARD 50L 2300

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	Others
66-68	22-24	9-11

Typical Physical Properties

-Maximum use limit	(°C)	1260
-Continuous use limit	(°C)	1148
-Melting point	(°C)	1730
-Density	(Kg/m ³)	750
-Linear Shrinkage 1200 °C x 24 h	(%)	1-2
-Thermal Conductivity.....	(W/m.K)	
	316°C	0,13
	538°C	0,15
	760°C	0,17
	1094°C	0,20