

**TECHNICAL DATA SHEET**

**CÓPIA NÃO  
CONTROLADA**

**Code: 6204**  
**Revision: 01**  
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**PRODUCT: CERAMIC FIBER BOARD LD 2800**

**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
63-65	32-37	1-2

**Typical Physical Properties**

-Maximum use limit .....	(°C)	1538
-Continuous use limit .....	(°C)	1426
-Melting point ... ..	(°C)	1850
-Density ... ..	(Kg/m <sup>3</sup> )	288
-Linear Shrinkage 1200 °C x 24 h .....	(%)	1-2
-Thermal Conductivity.....	(W/m.K)	
	316°C	0,07
	538°C	0,08
	760°C	0,12
	1094°C	0,17