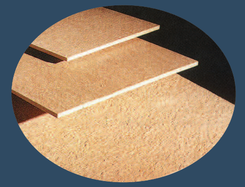
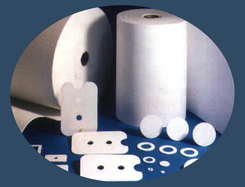
Products & Accessories

BLANKETS



BOARDS
and FELTS



PAPERS

MAINTENANCE
KIT

REFRACTORY GLUES
and CEMENTS

APPLICATION SET
(Example: crucible maintenance set
for Primary Aluminium)

Fluid sealing range

**PBI,
HIGH TEMPERATURE
EXPERTISE**

An integrated R&D and Quality department:

- Technological watch
- Characterization of products
- Description of solutions
- Anticipation of changes in regulation: RoHS, EN97/69/CE, ATEX, …

The mastering of high temperature technical fibre processes through the use of paper or textile, in addition to the quality of our products have made PBI a world reference and a partner to major industries (Steel, Chemistry, Petrochemical and Glass industries, …).

A strategic location at the crossroads of the European communication routes.

GPS coordinates: 47°23'0.82" N / 5°19' 38.43" E

Activities

Millboards

Textiles

Solutions

Glass contact products

Furnace rolls

High temperature solution producer
PBI
EQUATIONS
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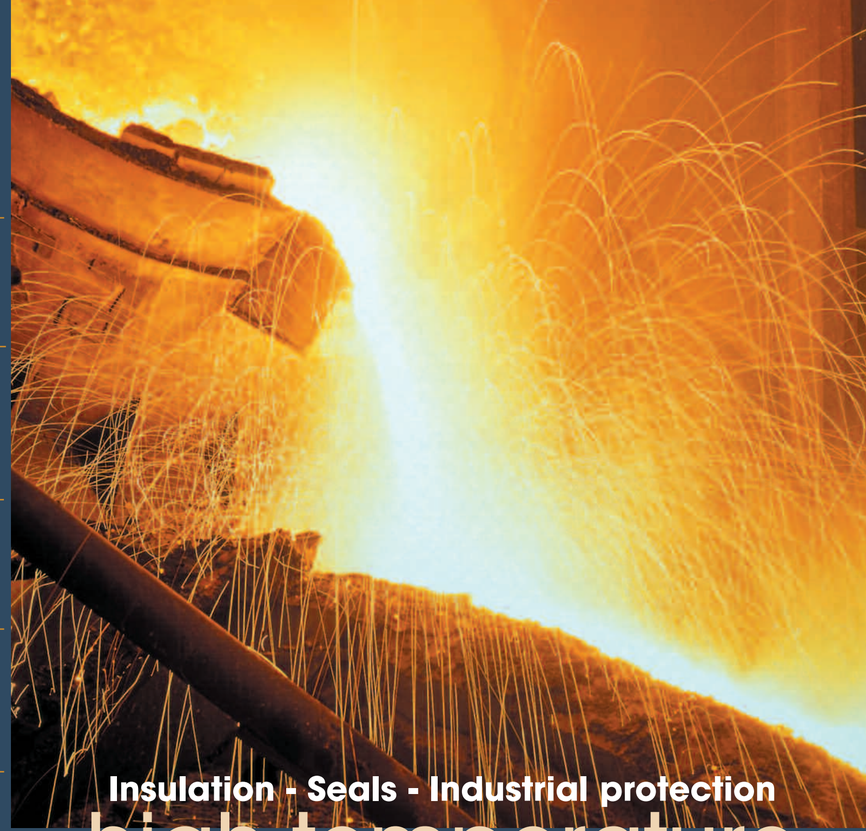


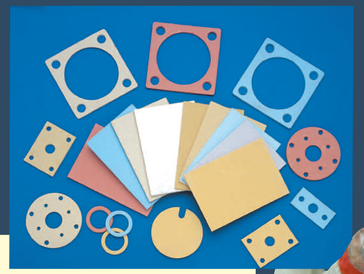
Insulation - Seals - Industrial protection

high temperature

materials, products and solutions

High temperature solution producer
PBI

Millboards NEFALIT®



	Grade	Product Applications and Advantages
1 100°C	NEFALIT® SC	100% mineral / NO SMOKE at first heating
NEFALIT® Multi-usage millboards		
750°C	NEFALIT® 5	all general applications up to 750°C
850°C	NEFALIT® 7 Bio	Bio good thermal insulation
1 200°C	NEFALIT® Bio	Bio applications up to 1200°C
1 200°C	Papier NEFALIT® Bio	Bio Paper very thin and versatile product
Examples of dedicated NEFALIT® millboards		
1 000°C	NEFALIGHT®	good compressibility and reinforced thermal insulation
1 100°C	NEFALIT® 11	good mechanical resistance
1 200°C	NEFALIT® 16	excellent mechanical strength
1 500°C	NEFACIER®	furnace roll coating

Possibility of lamination: aluminium, graphite, etc.

Ladle back-up insulation

Leading Producer Worldwide

- Special formulas on request
- 1000x1000 and customized formats
- Thicknesses: 0.6 to 12 mm depending on grade

General applications

- High temperature insulation
- Secondary insulation of furnaces and ladles
- Nozzle insulation
- Electric insulation
- Hot gas seals
- Molten metal seals
- Heat blanketing
- Centrifugal casting
- Furnace roll coating

Furnace side block

Coke oven door refractory sealing

Blanket for heat-treat process

Protection & Insulation of cables & flexibles

Customized industrial solutions

Development of innovative solutions (NEFEX®, NEFATEX® range, etc.)

Cost efficiency ratio support

Integrated manufacture from prototypes to series

Present in more than 60 countries

Reference listed by the most important groups worldwide.

Thermal + chemical protective jacket

Silicon sleeve OPTIMALE for ducts & hoses

Removable & reusable jacket

Identify our high performance solutions immediately by our signature tecHeat

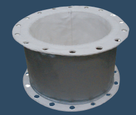
Textiles

Twisted cord, braid, tubing, tape, cloth...

Ready to use Ring

Furnace door seal

Ladle cover



Textile expansion joint

Applications up to 1400°C continuous

- Customized measurement, gluing, coatings, degassing, ...
- Continuous evolution of the range
- Technical advice by a dedicated team

Standard range

- Seals for furnace doors, boilers, heating chambers, ...
- Seals for ladle and ingot moulds
- Expansion joints
- Insulation and protection of hoses and cables

Manufacturing

- Special seals (p-seal, rings, beams, ...)
- Anti-spatter and radiation protection curtains
- Fibre furnace blocks
- Heat insulators and insulating matresses
- Expansion joints and sleeves