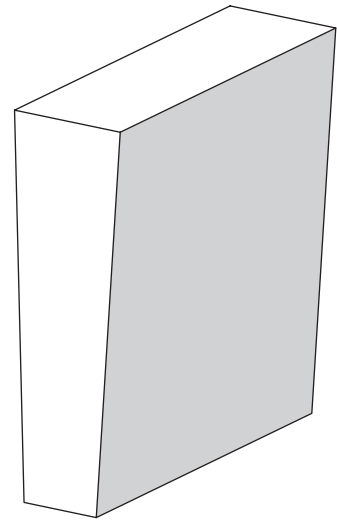


ALURATH B85AC

High quality brick for
the aluminium industry



METALS



CERAMICS



GLASS



SPECIAL
FURNACES



FUELS
CHEMICALS
ENERGY

top technology |
creates confidence

RATH

ALURATH B85AC

Aluminium-resistant bauxite brick.

Alurath B85AC was customized for applications in the aluminium industry. Guyana-bauxite of high quality is used as basic raw material.

- > Aluminium repellent
- > Good thermal shock resistance
- > High cold crushing strength
- > High bulk density

Quality attributes

[Information «](#)

Raw base material	Chemical Analysis (EN 955-2; 4) weight %		Bulk density (EN993-1) g/cm ³	Cold crushing strength (EN 993-5) MPa	Max. application temperature °C
Bauxite	Al ₂ O ₃	78	2.94	145	1,230

Alurath B85AC is a dry pressed bonded brick. All standard, but also customized formats, depending on the size and geometry, can be produced.

Applications of Alurath B85AC

- › Aluminium melting furnace
- › Aluminium holding furnace
- › Aluminium rotary drum melting furnace

Advantages of a lining with bricks over a monolithic lining

- › No processing defects
- › Simple assembly
- › Quality control process already while production
- › Uncomplicated heating-up procedure
- › Excellent shelf life

Alurath B85AC makes the difference

- › Guyana-bauxite of high-quality is used
- › Dry pressed chemically bonded
- › Comprehensive range of references
- › Longtime durability

Rath Services

- › Application consultancy
- › Engineering
- › Manufacturers certificate
- › Production is subject to quality management methods
- › Assembly



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