

Anode Baking Furnaces

Aluminium Industry

Gouda Refractories delivers complete refractory solutions for anode baking furnaces, transfer ladles, melting furnaces and holding furnaces used in the production of aluminium and aluminium alloys.

Gouda Refractories is the worldwide reference in the field of refractory materials for Anode Baking Furnaces – open and closed types.



Innovative
design

Riedhammer
AP & ALCOA
Approved

Full scope
of **supply**

Our strength can be found in the dimensional stability of the bricks, the process-related defence mechanisms and the stability of the walls. This is the result of years of development based on specific knowledge of the design process, the organisation, the installation and the use of refractory systems.

Gouda Refractories has once again set the standards with the new brick (LP 50 S) offering a longer service life, better anode quality and lower energy consumption when compared with other bricks for anode baking furnaces.

FLUE CAPS:

Curon 135 AP
Curon 145
Curon 145 CC
Vibron 160 H
Vibron 160 FS
TB 135
TB 145
TB 160

PIT FLOOR:

AK 42

FLUE WALL:

AK 42
AK 46 S
LP 50 S

SIDE WALL INSULATION:

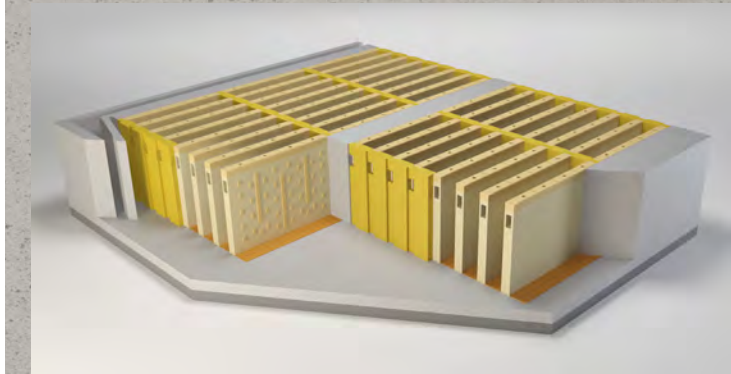
Golite 135 RLC
GI 23
GI 26

HEAD WALL:

AK 42
AK 46 S

TIE BRICKS:

AK 60 A





References(*)

Aditya Birla Hindalco
Alba
Albras
Alcan
Alcoa
Alesa
Alouette
Aluar
Aluchemie

Aluminium SA
Bechtel & Co
Century Aluminium
Egyptalum
EGA Dubal
EGA Emal
Hillside
Hydro
Inalum
Ma'Aden Aluminium

Magnitude 7
Mozal
Pacific Aluminium
Pechiney
Qatalum
Riedhammer
Rio Tinto
Rusal
SNC Lavalin
Sohar Aluminium
Trimet

(*) = Complete list of references is available upon request.

Materials							
	Head Wall	Flue Wall	Tie Bricks	Pit Floor	Flue Caps	Burner Inserts	Insulation
Dense Refractory Bricks							
AK 42	•	•		•			
AK 46	•	•				•	
LP 50 S		•					
AK 60 A			•				
Dense Castables							
Curon 135 AP					•		
Curon 145					•		
Curon 145 CC					•		
Vibron 160 H					•	•	
Vibron 160 FS					•		
Insulating Castables							
Golite MW							•
Golite 95							•
Golite 1.0.4 mix							•
Golite 1.0.6 mix							•
Golite 130	•	•					•
Golite 135 RLC							•
Golite 140							•
Insulating Bricks							
GI 23/GI 23 HS							•
GI 26/GI 26 HS							•
Pre-shaped Blocks							
TB 135					•		
TB 145					•		
TB 160					•	•	
Curon 150 H/Curon 165							
Curon 160 HS						•	
Mortars							
HS 150		•					
Adhesiet A	•						•
Adhesiet 150	•						
Adhesiet 155	•						

Values are typical. Datasheets are available upon request.

