

## Anode Baking Furnaces

### Aluminium Industry

Gouda Refractories delivers complete refractory solutions for anode baking furnaces, pot lines, 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.

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:**

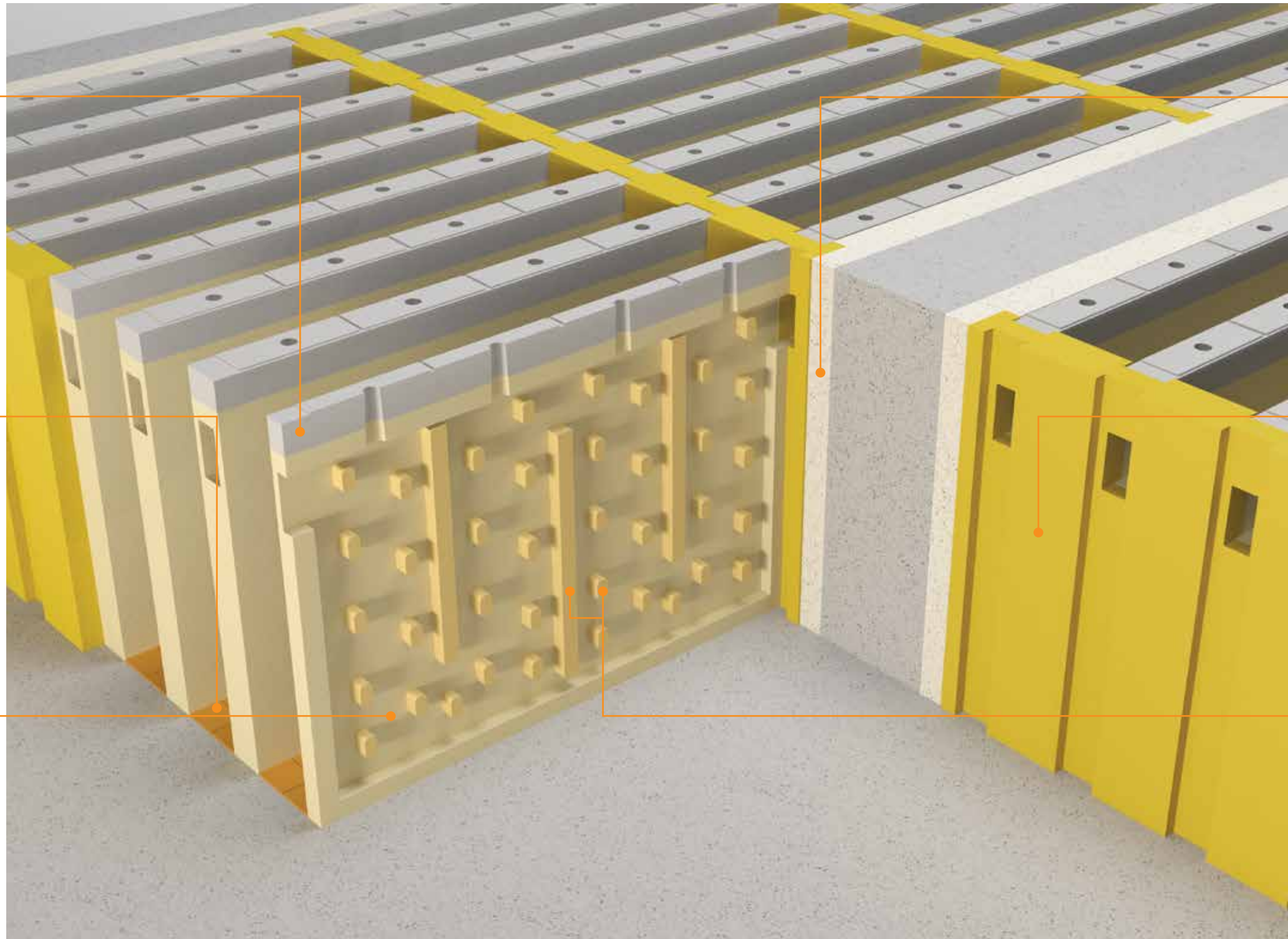
Curon 135 AP  
Curon 145  
Curon 145 CC  
Vibron 160 H  
Vibron 160 FS  
TB 135  
TB 145  
TB 160

**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(\*\*)

Alba	Century Aluminium	Mozal
Albras	Egyptalum	Pacific Aluminium
Alcan	Emirates Global Aluminium	Pechiney
Alcoa	- Dubal	Qatalum
Alesa	- Emal	Riedhammer
Alouette	Hillside	Rio Tinto
Aluar	Hindalco	Rusal
Aluchemie	Hydro	SNC Lavalin
Aluminium SA	Inalum	Sohar Aluminium
Bechtel & Co	Ma'Aden Aluminium	Trimet

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

### Materials

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

Values are typical but not guaranteed, unless agreed otherwise.  
 Datasheets are available upon request.