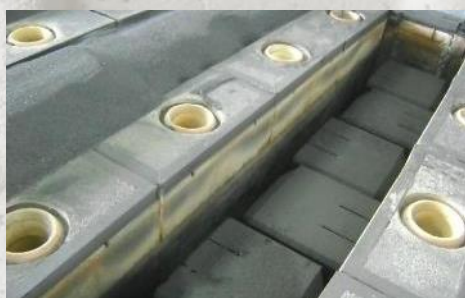


FR **POUSSEUR** **REFRACTORIES**

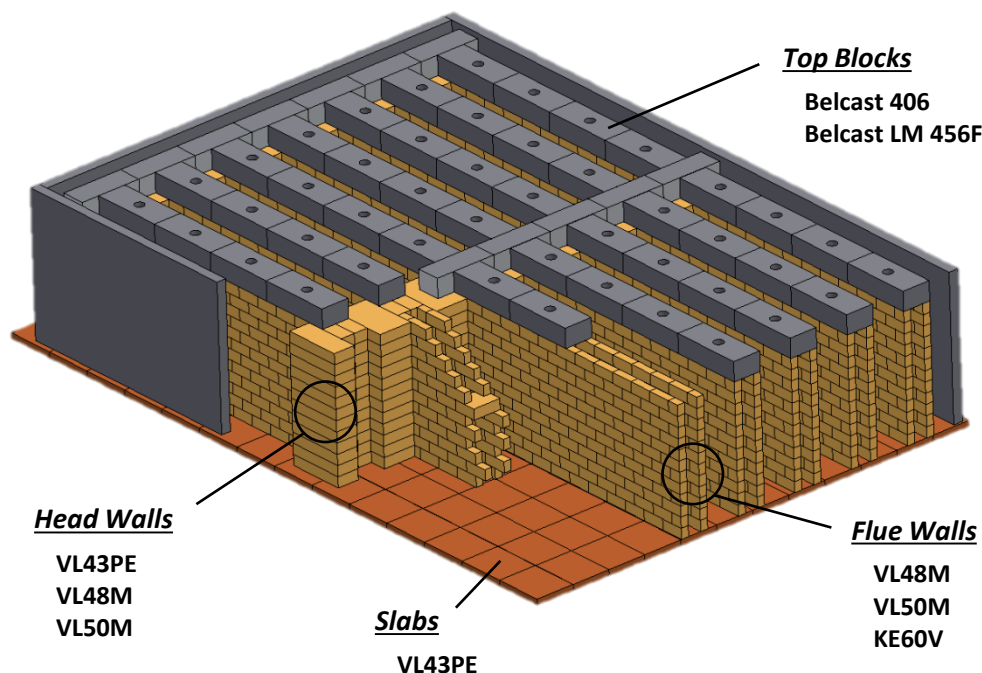


REFRACTORY PRODUCTS FOR
ALUMINIUM INDUSTRY

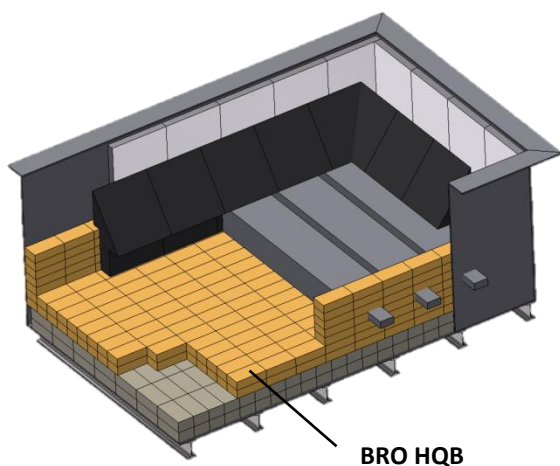
Pousseur Refractories is a French leading company in the manufacturing of refractory products, specialized and dedicated to Aluminium Industry.

With over 100 years experience, we deliver to the worldwide major Aluminium smelters a large range of refractory bricks and monolithic products for carbon, reduction and casthouse sectors.

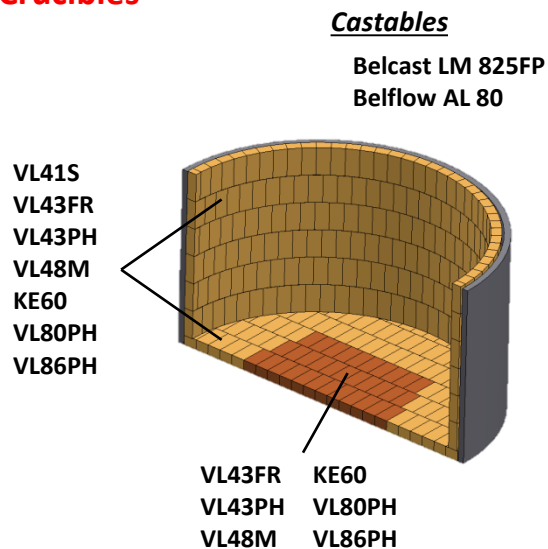
Anode Baking Furnaces



Electrolysis pots



Crucibles



Anode Baking Furnaces

Trade Name	Al ₂ O ₃ Content	Bulk Density	Open Porosity	Cold Crushing Strength	Refractoriness under Load
VL43PE	43 %	2,30 g/cm ³	15 %	40 MPa	1460 °C
VL48M	48 %	2,33 g/cm ³	15 %	50 MPa	1500 °C
VL50M	51 %	2,47 g/cm ³	13 %	70 MPa	1550 °C
KE60V	60 %	2,55 g/cm ³	14 %	65 MPa	1600 °C

Top blocks

Trade Name	Max. Service Temp.	Al ₂ O ₃ Content	Main Component	Max. Grain Size	Water	Quantity
Belcast 406	1400 °C	> 40 %	Fireclay	6,0 mm	13 to 18 %	2,06 t/m ³
Belcast LM 456F	1500 °C	44 %	Fireclay	6,0 mm	7,5 to 9,5 %	2,23 t/m ³

Electrolysis pots

Trade Name	Al ₂ O ₃ Content	Bulk Density	Open Porosity	Cold Crushing Strength	Max. Service Temperature
BRO HQB	18 %	2,10 g/cm ³	18 %	25 MPa	1100 °C

Bricks for Crucibles

Trade Name	Al ₂ O ₃ Content	Bulk Density	Open Porosity	Cold Crushing Strength	Refractoriness under Load
VL41S	41 %	2,25 g/cm ³	17 %	40 MPa	1410 °C
VL43FR	43 %	2,30 g/cm ³	15 %	80 MPa	1460 °C
VL43PH	43 %	2,30 g/cm ³	16 %	60 MPa	1450 °C
VL48M	48 %	2,33 g/cm ³	15 %	50 MPa	1500 °C
KE60	60 %	2,55 g/cm ³	14 %	65 MPa	1600 °C
VL80PH	80 %	2,75 g/cm ³	15 %	80 MPa	1470 °C
VL86PH	85 %	2,94 g/cm ³	16 %	130 MPa	1490 °C

PH : Phosphate Bonded

Castables for Crucibles

Trade Name	Max. Service Temp.	Al ₂ O ₃ Content	Main Component	Max. Grain Size	Water	Quantity
Belcast LM 825FP	1600 °C	80 %	Bauxite	5,0 mm	4,5 to 5,5 %	2,85 t/m ³
Belflow AL 80	1300 °C	81 %	Bauxite	5,0 mm	5,75 %	2,85 t/m ³

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