

ALUMINUM CAST-HOUSE/FURNACES

Furnace relining - “BIG BLOCK” FURNACE RELINING TECHNOLOGY



Descripción:

RODABELL provides installation services for “Big Block” technology relining for Aluminum furnaces. Jointly with manufacturers, we offer the turnkey relining project. Rodabell supplies patented “Big-Block” technology developed by our partner **PERMATECH**.

During the past few years the need to find a better way to line aluminum furnaces has arisen. Production time is critical and costly. Operators must reduce downtime as much as possible. Currently the most effective solution resides in the utilization of large precast, pre-fired furnace blocks.

Utilizing their **BIG BLOCK™** refractory manufacturing and installation expertise, Permtech has recently redefined the time required to refurbish a 100-ton-capacity tilting melt furnace. Using their proprietary techniques and skilled engineering project management, Permtech has proved that it is possible to take a furnace from hot and full of metal, back to hot and full of metal inside 10 days.

Apart from the reduced installation time up to 60%, this technology can be cost competitive with standard alumina bricks conventional technology.



Application:

“Big Block” furnace relining technology for Aluminum

Roof relining

Lintels, jambs, and tap blocks

Advantages:

- Price competitive
- Reduced installation time
- Fewer joints
- Less dry out costs
- Turnkey project