Steuler Industrial Corrosion Protection

Refractory Linings for the Aluminum Processing Industry
Photo above: Three-chamber melting and casting furnace lined with a combination of brickwork and monolithics

Photo on the left: Brick lined hearth type melting furnace

Photo on the right: Rotary tilting furnace for recycling under usage of salts
Highly wear proof and infiltration resistant linings from Steuler

Starting from the development of the qualities, through the refractory engineering up to installation of the self-produced materials, Steuler offers complete refractory solutions out of one source.

The especially for the aluminum industry developed materials produced by Steuler meet the demanding and constantly changing operating conditions of our customers.

Specifically for the different furnaces designed shapes ensure the appropriate installation of the refractory linings – infiltration resistant materials prevent the premature failure of the lining. Materials based on Andalusite and Low Iron Fire-clays as well as unshaped products like Castables and ramming mixes are completing the range of products.

Conclusive solutions assure less shut-downs, and therefore high availability of the furnaces as well as low maintenance costs which has a direct impact on the profitability of the plant.

Essential advantages of our materials:
• low oxide contamination
• easy cleaning of the lining
• easy change of processed alloys
• high durability
• low maintenance cost

Photo below: Aluminum rotary tilting furnace
More than 100 years of experience in the field of industrial corrosion protection

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