CORUNDUM ATTACK

Reverberatory furnace

Solution report
22/002

Severe corundum attack	Original configuration	Attack duration: 10 months
		

Installation	Reverberatory furnace
Problem	Severe corundum attack on the entire wall in contact with aluminum. Main causes: extremely dirty scrap metal, very high melting temperature, over pressure of the furnace
Solution	INSERTEC´s suggestion: Down wall and upper wall in **FOSINCAST 90** CUSTOMER´s decision: Upper walls in FOSINCAST 90, down wall in standard material
Results	After 10 months, the reaction of the oxides, the high temperature and the overpressure contaminated the material under bath. FOSINCAST 90 was a barrier against the advance of corundum, of chemical attack.

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