



SEVEN DAYS OF SINTERING OR TWO DAYS OF PREHEATING: YOU DECIDE

PARAMETER:

Temperature: 700°C
Casting Process: High pressure die casting

TD 500 DOSING FURNACE LINING

FOUNDRY:

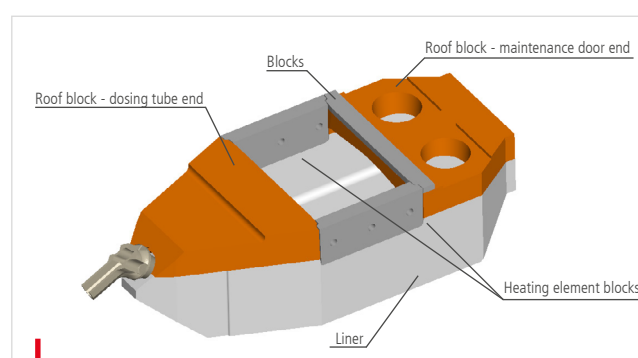
Founded in 2009 as Foundry 4 Thermdos GmbH and now headquartered in Hochheim am Main, Germany, the company specializes in the development and manufacture of furnaces for holding and dosing non-ferrous metals (especially aluminium).

FOSECO PRODUCTS

INSURAL* 140 shaped refractories
INSURAL 170 shaped refractories
INSURAL 290 shaped refractories
INSURAL insulating backing materials

KEY BENEFITS

Quick installation
No sintering necessary
Minimised corundum growth
Energy savings



Overview of INSURAL precast shapes



Installation of an insulation mat



THE CHALLENGE

Traditional linings for dosing furnaces require a time extensive drying and sintering process. When in service, the traditional linings tend to build up corundum quickly. Cleaning of the furnace is time-consuming and energy consumption is high.



OUR SOLUTION

By the use of INSURAL shaped refractories, the required time for the installation process can be reduced significantly. Due to the dry installation, the time and energy consuming sintering process becomes obsolete.



THE OUTCOME

Due to the minimised installation time, the furnace can taken back into service quickly. The extremely low corundum growth leads to an easy furnace cleaning. The highly insulating backing materials generate a huge energy saving.