

This revision supersedes and substitutes all previous ones

Revision No. 4

Technical Data Sheet

Characteristics	Low cement refractory castable, based on tabular alumina with addition of chromium oxide.
Application	Manufacturing of precast shapes exposed to high temperatures and mechanical attacks. Lining of channel furnaces. Lining of automatic pouring units with or without inductor. Roofs of electric arc furnaces. Repairs of channel furnaces. Maintenance of channel furnace's spouts. Generally, all those areas exposed to high temperatures.
Maximum Service Temperature	1,700°C
Grain Size Distribution	0 – 6 mm
Type of Bonding	Hydraulic
Typical Chemical Analysis *	Al ₂ O ₃ 88.2 SiO ₂ 1.6% Cr ₂ O ₃ 7.5
* On Calcined Sample	
Water Required for Casting & Vibrating	5.5 - 7 % (depending on mixing conditions: outside temperature, mixer type, etc)
Material Required (density)	3,000 Kg/m ³
Installation	Cast-vibration with needle vibrators. Do not prepare more material than the amount to be installed within 20 minutes.
Storage	In a dry place, 12 months maximum.
Packing	In 25 kg. paper sacks over shrunk - wrapped pallet.
Drying and Heating	Follow specific instructions for each particular case. As a general rule: Hold for 24 hours before demoulding. Dry at 100 - 150 °C for 12 - 36 hours. Heat up at a rate of 30 °C/h. up to 450 °C. Hold for 12 hours. Heat up to 600°C at a rate of 30°C/h and hold for 12 hours. Finally, heat up to working temperature at 50°C/h.

This datasheet contains average values taken from manufacturing control tests made in laboratory following specific rules for each test. They do not settle neither specifications nor guarantees on products' characteristics. This product provides a limited responsibility; ask for details.