

Characteristics	A basic all-round castable with good thermal and electrical insulating properties. Widely used in aluminium, ferro alloys, mining, cement and steel industries.
Application	Suitable for any application in which a high requirement in mechanical and thermal stress is needed. Specially designed for the production of precast pieces.
Maximum Service Temperature	1,200 °C
Grain Size Distribution	0 – 5 mm
Type of Bonding	Hydraulic modified.
Typical Chemical Analysis *	Al ₂ O ₃ 79 % SiO ₂ 12 % CaO 7 % Fe ₂ O ₃ 1 %
* <i>On Calcined Sample</i>	
Water Required for Casting & Vibrating	5.2 – 6% (depending on mixing conditions: outside temperature, mixer type, etc).
Material Required (density)	2,900 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, 6 months.
Packing	In 25 kg. paper sacks over shrunk - wrapped pallet.
Drying and Heating	Follow specific drying and sintering instructions recommended for each particular case. As a general rule: Hold for 24 hours before removing mould. 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 at this temperature. 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 text. They do not settle neither specifications nor guarantees on products' characteristics. This product provides a limited responsibility; ask for details.