

PRODUCT TYPE .....	:	Dry cement
PRE Class & group...(ASTM C-401) .....	:	
Maximum recommended temperature .....	:	1400 °C
Main component .....	:	Chamotte
Type of bond .....	:	Hydraulic
Installation method .....	:	
Appearance .....	:	Grey fine powder
Packing .....	:	20 kg
Storage .....	:	Dry conditions, 12 months
Maximum grain size .....	:	0,5 mm
Material required per m <sup>3</sup> .....	:	8-10 % of the total brick weight.
Casting .....	:	kg
Gunning (rebound excluded) .....	:	kg
Water required for mixing on site, casting .....	:	20 weight %
Casting .....	:	%
Gunning .....	:	%

## Chemical analysis

Calcined basis, unit%

Standard	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	SiC	MgO	ZrO <sub>2</sub>	Cr <sub>2</sub> O <sub>3</sub>	CaO	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	P <sub>2</sub> O <sub>5</sub>	Alkalies
	42	48					4,3	1,8	1,6		1,5

## Physical properties

	Standard	Average value		Units
		Cast	Gunned	
Measured on samples prepared according to standard				
Gauging water for sample preparation by cast-vibration				%
Bulk density			110	°C
Cold crushing strength				°C
				MPa
Permanent linear change				°C
				%
Thermal conductivity				°C
				W/m*K

The data are current production averages. They cannot be used as limits for a specification.

10.97