

TECHNICAL DATA

CALDE® MAG FLOW K 90 HOT

PRODUCT TYPE

Maximum recommended temperature	: Basic product No cement castable
Main component	: 1850°C
Type of bond	: Magnesia
Appearance	: Hydraulic
Packaging	: Dry, for addition of water
Shelf life	: Sacks
Installation method	: 9 months
Maximum grain size	: Self-flowing
Material required	: 6 mm
Drinking water required for mixing on site	: 2.85 T/m³
Guidelines	: 5.5 / 6.5 litres per 100 kg of dry material
	: Installation Nr 7

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
MgO	EN ISO 1927-3	90.0	%
SiO2	EN ISO 1927-3	7.5	%
CaO	EN ISO 1927-3	2.1	%
Fe2O3	EN ISO 1927-3	0.4	%
<u>PHYSICAL PROPERTIES</u>			
<u>Bulk density</u> after firing at 1600 °C	EN ISO 1927-6	2.97	g/cm3
<u>Open porosity</u> after firing at 1600 °C	EN ISO 1927-6	14	%
<u>Cold crushing strength</u> after firing at 1600 °C	EN ISO 1927-6	29	MPa
<u>Reversible thermal expansion after firing</u> [20-1000 °C]		1.2	%

Commercial Code : MBC80032

Version : 12

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