



TECHNICAL DATA

CALDE™ MIX SC 84 M16

PRODUCT TYPE	: High alumina refractory dry mix
PRE Class & group...(ASTM C-401)	: Class A - Group 170 (ASTM Class G)
Maximum recommended temperature	: 1750°C
Main component	: Alumina, Magnesia
Type of bond	: Ceramic
Appearance	: Dry mixture of aggregates and powder
Packaging	: 25 kg sack
Storage	: 1 y minimum in temperate conditions
Installation method	: Dry vibration or ramming
Maximum grain size	: 0 - 4 mm
Material required	: 2.85 T/m ³

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
CHEMICAL ANALYSIS			
Calcined basis			
Al ₂ O ₃	EN 1402-3	84.0	%
MgO	EN 1402-3	14.0	%
SiO ₂	EN 1402-3	0.2	%
Fe ₂ O ₃	EN 1402-3	0.1	%
PHYSICAL PROPERTIES			
<u>Measured on samples prepared according to</u>	CALD 003		-
<u>Permanent linear change</u> after firing at 1600 °C	EN 1402-6	+6.6	%
<u>Thermal conductivity</u> at a mean temperature of 800 °C	ASTM C 417	2.62	W/m/°K
at a mean temperature of 1200 °C	ASTM C 417	2.41	W/m/°K

Commercial Code : MDD50010

Version :2

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

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