

CALDE® MIX FLASH A 55 MD

PRODUCT TYPE	: Alumina - Silica product dry vibrating mix
Maximum recommended temperature	: 1650°C
Main component	: Andalusite , Chamotte
Type of bond	: Chemical - Inorganic
Appearance	: Dry, ready to use
Packaging	: Sacks
Shelf life	: packaging unit unopened : 12 months, packaging unit opened : 3 months
Installation method	: Dry vibration or ramming
Maximum grain size	: 3 mm
Guidelines	: Installation Nr 41 - Safety Nr 1

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
CHEMICAL ANALYSIS			
Al ₂ O ₃	EN ISO 1927-3	55.5	%
SiO ₂	EN ISO 1927-3	36.0	%
Fe ₂ O ₃	EN ISO 1927-3	1.0	%
PHYSICAL PROPERTIES			
<u>Measured on samples prepared according to</u>	EN ISO 1927-5		-
<u>Bulk density</u>			
after firing at 1200 °C	EN ISO 1927-6	2.12	g/cm ³
after firing at 1400 °C	EN ISO 1927-6	2.09	g/cm ³
<u>Cold crushing strength</u>			
after firing at 1200 °C	EN ISO 1927-6	10	MPa
after firing at 1400 °C	EN ISO 1927-6	15.6	MPa
<u>Thermal conductivity</u>			
at a mean temperature of 800 °C	EN ISO 1927-8	1.08	W/mK

at a mean temperature of 1000 °C	EN ISO 1927- 8	1.13	W/mK
at a mean temperature of 1200 °C	EN ISO 1927- 8	1.29	W/mK

Commercial Code : MAD50014

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