

# CALDE® MIX FLASH A 55 MD

**PRODUCT TYPE**

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

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
Al2O3	EN ISO 1927-3	55.5	%
SiO2	EN ISO 1927-3	36.0	%
Fe2O3	EN ISO 1927-3	1.0	%
<u>PHYSICAL PROPERTIES</u>			
<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/cm3
after firing at 1400 °C	EN ISO 1927-6	2.09	g/cm3
<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

Version : 11

Date : 14/12/2022

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