



## TECHNICAL DATA

### KO – S Mortar

**PRODUCT TYPE**

	: Silica product
Maximum recommended temperature	: Jointing material, kitt
Main component	: Quartzite
Type of bond	: Chemical
Appearance	: Wet
Packaging	: Cans
Shelf life	: 6 months
Installation method	: Trowelling
Maximum grain size	: 1 mm
Material required	: 2.00 T/m³
Guidelines	: Installation Nr. 32

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
SiO <sub>2</sub>	EN ISO 1927-3	90.0	%
Al <sub>2</sub> O <sub>3</sub>	EN ISO 1927-3	4.6	%
Fe <sub>2</sub> O <sub>3</sub>	EN ISO 1927-3	0.3	%
TiO <sub>2</sub>	EN ISO 1927-3	0.1	%
K <sub>2</sub> O	EN ISO 1927-3	2.8	%
<u>PHYSICAL PROPERTIES</u>			
Measured on samples prepared according to	EN ISO 1927-5		-
<u>Bulk density</u>			
after drying at 110 °C	EN ISO 1927-6	2.00	g/cm <sup>3</sup>
after firing at 800 °C	EN ISO 1927-6	1.95	g/cm <sup>3</sup>
Reversible thermal expansion after firing [20-1000 °C]		2.61	%

Commercial Code:

Version: 2

Date : 25/06/2018

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