

# TECHNICAL DATA

## CALDE® TAP OPTI 21 ZEN

<b>PRODUCT TYPE</b>	: Carbon containing product
	Taphole mix
Main component	: Quartzite
Type of bond	: Chemical - Organic
Appearance	: ready-to-use
Packaging	: Plastic wrapped block
Shelf life	: 6 months
Installation method	: Injection
Maximum grain size	: 3 mm
Observation	: The plasticity can be adjusted to the type of taphole gun

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
SiO <sub>2</sub>	EN ISO 1927-3	66.0	%
SiC + C	EN ISO 1927-3	22.0	%
Al <sub>2</sub> O <sub>3</sub>	EN ISO 1927-3	9.8	%
<u>VOLATILE MATTERS</u>	EN ISO 1927-3	13.0	%
<u>PHYSICAL PROPERTIES</u>			
<u>Measured on samples prepared according to</u>	CALD 045		-
<u>Bulk density</u>			
on raw rammed sample	EN ISO 1927-6	2.12	g/cm <sup>3</sup>
after firing at 1000 °C	EN ISO 1927-6	1.90	g/cm <sup>3</sup>
<u>Open porosity</u>			
after firing at 1000 °C	EN ISO 1927-6	25.0	%
<u>Cold crushing strength</u>			
after firing at 1000 °C	EN ISO 1927-6	15.0	MPa
after firing at 1500 °C	EN ISO 1927-6	15.0	MPa

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