

Product datasheet

Otta Pillarguri phyllite

mineraskifer.no



Otta Natural Stone

PRODUCT SPECIFICATIONS

LAND OF ORIGIN

Otta Pillarguri is a dark coke gray / black slate of the rock phyllite, but it can also be delivered in rust color. Geography: Pillarguripiggen, directly above the center of Otta in Norway. All processing of all products is carried out by local stonemasons 2 km from the slate quarry.

TEKNISK DATA

Feature	Standard	Value	Test institution / year
Petrography	NS EN 12670	Phyllite	
Density	NS-EN 1936	2,82 g/cm ³	RISE 2018
Water absorption	NS-EN 13755	0,2 vekt% (Frost proof)	RISE 2018
Flexural strength	NS-EN 12372	39,9 MPa (Mean value)	RISE 2018
Abrasion resistance	NS-EN 14157 (A)	25.0 mm (Mean value)	SINTEF 2007
Slip resistance, brushed	NS-EN 14231	SRV dry: 61, wet: 22	SINTEF 2012
Slip resistance, honed C 600	NS-EN 14231	SRV dry: 55, wet: 18	SINTEF 2012
Slip resistance, natural	DIN 51130	R11	TÜV 2015
Slip resistance, brushed	DIN 51130	R10	TÜV 2014
Breaking load at dowel hole	NS EN 13364	3390 N (Mean value)	
Centric tension load		2,14 KN (Mean value)	
Shear load		5,72 KN (Mean value)	

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Key environmental indicators	Unit	Cradle to gate A1–A3		Transportation A4–400km
		Variable thickness	Even thickness	
Global warming	kg CO ₂ -equiv.	161	425	22,7
Energy use	MJ	5 128	14 358	397,98
Share of renewable energy used*	%	16 %	53 %	1,7 %

* Share of renewable energy concerns energy used for direct production A1-A3 (direct energy consumed by Minera Skifer) and does not include upstream energy for production and distribution of raw materials/energy.

MINERALOGY

Mineral	Standard	Value	Test institution / year
Quartz	NS EN 12407	21,0 %	CBI 2015
Mica	NS EN 12407	31,0 %	CBI 2015
Chlorite	NS EN 12407	1,3 %	CBI 2015
Amfibole	NS EN 12407	3,0 %	CBI 2015
Garnet	NS EN 12407	0,8 %	CBI 2015
Carbonate	NS EN 12407	0,6 %	CBI 2015
Pyrite	NS EN 12407	1,9 %	CBI 2015
Biotite	NS EN 12407	38,0 %	CBI 2015
Titanite	NS EN 12407	1,3 %	CBI 2015
Feldspar	NS EN 12407	1,3 %	CBI 2015
Epidote	NS EN 12407	0,6 %	CBI 2015

Contact

Minera Skifer AS / Sæterfjellvegen 66, 7340 Oppdal, Norway
Telephone: + 47 72 40 04 00 / e-mail: info@mineraskifer.no
mineraskifer.no



Follow us for inspiration and news!



Offerdal Otta Oppdal