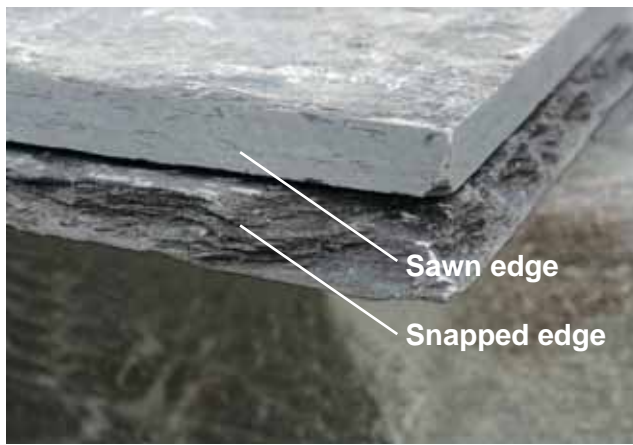


PRODUCT SHEET

MINERA
SKIFER



- ▲ Otta Pillarguri natural riven
- ▼ Otta rust natural riven

- ▲ Otta Pillarguri brushed
- ▼ Otta Pillarguri honed

NOTE: the amount and colour of rust will vary.

Dealer:



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Otta Phyllite was first deposited as a thick sequence of mud and/or silt on the sea floor about 400-800 million years ago. We describe it as a "phyllite" yet, due to its high metamorphic grade, it is much harder and tougher than a normal phyllite. The natural surfaces are smooth and shiny due to biotite mica, a "mica-shine" in effect, yet are also sporadically studded with very hard metamorphic minerals, mainly hornblende (an amphibole) and garnet, which give Otta Phyllite both its unique appeal and

character and impart an extra degree of skid resistance. On weathering, the presence of iron oxide minerals can, on occasion, lead to oxidization of some material to a pleasing golden hue. From the higher levels of the quarries, there are 1-7 % of iron oxide minerals, we supply Otta Rust. The original deep blue-black colour is tempered by scattered warm hues and shades of brown: buffs, pale to mid orange-brown and sepias.

OTTA PHYLLITE - specifications. Sawn edge. Natural riven, brushed or honed surface.

Product Tiles	Applications	Edge	Surface / Thickness	Standard sizes
	Interior floors and walls	Sawn	Natural riven: 9-17 and 18-25 mm Honed: 10, 15 and 18 mm Brushed: 8 mm	Fixed widths: 15, 20, 25, 30, 35 and 40 cm each with random lengths. 20x20, 30x30, 40x40, 30x60, 40x60 cm Other sizes on request
Stair treads	Interior and exterior stairs	Sawn	Natural riven: 20-25, 25-30 and 30-40 mm Honed: 18, 25 and 30 mm Calibrated: 20, 25 and 30 mm	Fixed widths: 30 and 35 cm each with random lengths Other sizes on request
Windowsills/stair risers	Windows and stairs	Sawn	Approx. 20 mm Honed: 10 and 18 mm	Riser heights from 12-18 cm
Skirting board	Plinths	Sawn	Approx. 10 mm	Heights 6 -12 cm in random lengths
Coping, tables, benches and fireplace stone			On request	On request
Crazy Paving	Gardens, landscaping, patios and interior flooring		Mini 10-20 mm Midi 25-40 mm Maxi 40-60 mm Flagstones 9-17 and 18-26 mm Flagstones calibrated 15 mm	Mini > 0,05 m ² Midi > 0,12 m ² Maxi > 0,50 m ² 0,12 – 1,00 m ² 0,12 – 1,00 m ²
Fireplace stone	Fireplace surrounds		10-20, 20-25, 25-30 and 30-40 mm Calibrated 15, 20, 25 and 30 mm	According to specification
Paving	Exterior paving, pathways, patios, streets and market places	Sawn	25-40, 40-60 and 60-80 mm	Widths: 15-40 cm in random lengths
Roofing tiles		Sawn or snapped	9-16 mm	Square tiles 15"x15" Other sizes on request
Walling/Dry walls	Facade, chimneys, landscaping, bracing walls	Natural	Variable thicknesses	Variable widths and depths

TECHNICAL DATA

Test	Standard	Value	Comment
Petrographic analysis		Phyllit	
Density	NS-EN 1936	2810 kg/m ³	
Water absorption	NS-EN 13755	0,2 % by weight	Frost resistant
Flexural strength	NS-EN 12372	44,5 MP	Mid-value after 48 frost/defrost cycles natural riven material
Abrasion resistance	NS-EN 14157(A)	25,0 mm	Tested on honed C600. Method A: Wide Wheel abrasion test Capon.
Slip resistance	NS-EN 14231	64 SRV, dry 18 SRV, wet	Honed C220 Honed C220

MINERALOGY

Quartz	25 - 35 %	Garnet	1 - 3 %
Mica	40 - 55 %	Carbonate	0 - 3 %
Chlorite	10 - 15 %	Iron oxides	1 - 7 %
Hornblende	0 - 5 %		

