


PRODUCT SHEET


 **MINERA**
SKIFER



Alto

 Alta natural riven



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ALTA QUARTZITE:

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Alta Quartzite was first deposited about 600 million years ago as a quartz sand sediment with very thin clay partings. Within 200 million years of deep burial at extreme pressure and temperature it became as it is today - a grey, metamorphosed

recrystallised and highly strengthened quartzite with a slight greenish tone and a pale silvery mica shine along the riven surface.

ALTA QUARTZITE - specifications: Sawn, broken or honed edge. Natural riven surface.

Product Tiles	Applications	Edge	Surface / Thickness	Standard sizes
	Interior floors and walls	Sawn	8-15 and 15-25 mm Can be calibrated (gauged) to specific thicknesses	Fixed widths: 20, 25, 30, 35 and 40 cm each with random lengths. 30x30, 20x40, 40x40, 25x50, 50x50, 30x60, 40x60 and 60x60 cm Other sizes on request
Stair treads	Interior and exterior stairs	Sawn	20-30, 30-40 and 40-50 mm Calibrated: 20, 25 and 30 mm	Fixed widths: 30, 32,5, 35 and 40 cm Random lengths: 80-120, 120-150, 150-180 cm Other sizes on request
Windowsills/risers	Windows and stairs	Sawn	15-25 mm	Fixed widths: 12, 14, 16, 18 and 20 cm Random lengths, min. 60 cm
Skirting boards	Plinths		Approx. 10 mm	Height: 6-12 cm
Crazy Paving	Gardens, landscaping, patios and interior flooring	Natural	Mini 10-20 mm Midi 20-30 and 30-40 mm Maxi 18-35 mm	Mini > 0,06 m ² Midi > 0,12 m ² Maxi > 0,50 m ²
Paving	Exterior paving, pathways, patios, streets and market places	Sawn	20-30, 30-40, 40-50 and 30-50 mm	Fixed widths: 30, 35, 40, 50 and 60 cm each with random lengths
Walling /massive treads	Facing walls and chimneys, landscaping, bracing walls	Natural	Variable thicknesses	Variable lengths and bed (width)
Roofing tiles	Roofing and roofing repairs	Broken	Scallop: 8-18 mm Square: 8-20 mm	Scallop: 8"/14", 10"/16" and 12"/18" Square: 13"/13", 15"/15", 18"/18" 21"/21" and 24"/24"
Rough slabs/Two edges sawn			20-30, 30-40 and 40-50 mm 20-30, 30-40 and 40-50 mm	< 1,0 m ² > 1,0 m ²

TECHNICAL DATA

Test	Standard	Value	Comment
Petrographic analysis		Quartzite	
Density	NS-EN 1936	2710 kg/m ³	
Water absorption	NS-EN 13755	0,1 % by weight	Frost resistant
Flexural strength	NS-EN 12372	34,3 MPa	Mid-value after 48 frost/defrost cycles, natural riven material
Abrasion resistance	NS-EN 14157(A)	17,0 mm	Tested on honed C120. Method A: Wide Wheel abrasion test, Capon.
Slip resistance	NS-EN 14231	72 SRV, dry 40 SRV, wet	Honed C120 Honed C120

MINERALOGY

Quartz	40 - 89 %	
Mica	5 - 28 %	
Feldspar	5 - 32 %	
Epidote	2 - 9 %	
Titanite	1 - 16 %	
Carbonate	1 - 3 %	

