

## ATHENA QUARTZ I

Formerly known as Interleaving paper, this grade is typically used during the manufacturing of engineered or agglomerated stone and is a more sustainable alternative to rubber. It is available with two types of coating according to customer requirements to control the penetration of oils.

### KEY FEATURES AND BENEFITS

- Good tensile and tear strength
- Barrier properties tailored to control oil penetration to customer requirements
- Supplied as standard brown unbleached paper made from virgin fibers
- Sheeting options available
- Different levels of smoothness available



### APPLICATIONS

Engineered or agglomerated stone used to produce composite, quartz, and artificial stone products for kitchen worktops, bathroom countertops, flooring, facades and walls.

### TECHNICAL DATA

			KSIS910200DXBA	KSIC910200DX
Properties		Standard	UOM	Typical Values
Grammage		ISO 536	g/m <sup>2</sup>	200
Thicknesses		ISO 534	µm	176
Moisture content		ISO 287	%	≤10
Tensile strength	MD	ISO 1924-2	kN/m	≥65
Tensile strength	CMD	ISO 1924-2	kN/m	≥40
Elongation	MD	ISO 1924-2	%	≥1.5
Elongation	CMD	ISO 1924-2	%	≥6
Tear strength	MD	ISO 1974	m/N	≥1600
Tear strength	CMD	ISO 1974	m/N	≥1700
Smoothness (Bekk)	Wire	ISO 5627	secs	≥150
Smoothness (Bekk)	Felt	ISO 5627	secs	≥130
Cobb 60		ISO 535	g/m <sup>2</sup>	25 – 35

MD - Machine Direction / CMD - Cross Machine Direction.

The Technical Data reported here are typical results for routine tests made in the Weidmann Laboratory.

Additional specific data is available on request.

This matrix is provided for reference purposes only to consider options for your application. While we recommend certain grades which successfully performed in specific applications, our Customer Service and Product Development teams will be happy to work closely with you to review your application requirements and select the grade, prototype if necessary and develop a solution which works best for you.

Some grades can be used and interchanged across multiple applications successfully. The fiber sources we use include virgin pulp and proprietary natural fiber blends. We extensively utilise our internal offcuts to minimize environmental impact and reduce the waste. Our paper grammage ranges from ≥ 100 gsm up to 500 gsm, however our lamination capabilities allow us to produce the paper from ≥ 600 gsm up to 1000 gsm. Our converting capabilities vary for different grades which provides us with opportunity to find Maplex Paper grade most suitable for your project.

Made in the UK