FAVINI

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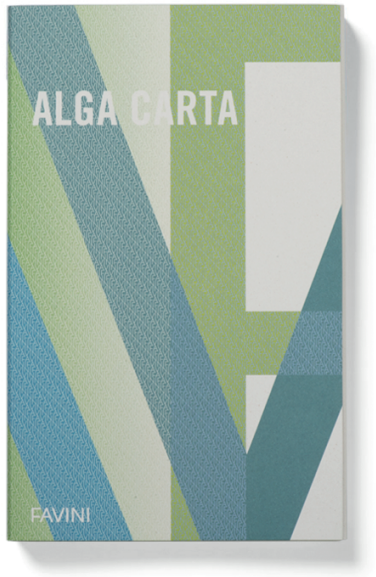
Technical Data Sheet | 10.11.2026

ALGA CARTA



PRODUCT DESCRIPTION

Alga Carta is the paper created from seaweeds that, by its abnormal proliferation, was damaging the fragile ecosystem of the Venice Lagoon. Favini patented a production process that uses seaweed to produce innovative paper based on the principles of the circular economy.

Even today, the same production process is used to upcycle overabundant seaweed from marine environments in other parts of the world. The printing and converting ability of Alga Carta makes it ideal for any creative, publishing and packaging project. The seaweed particles are visible on the surface to give a unique natural look.

Alga Carta is recyclable, biodegradable, FSC™ certified, made using electricity from certified renewable sources, and supports the offsetting of unavoidable CO_2 emissions through Carbon Credits.

TECHNICAL DATA	METHOD		+/-	90 g/m²	120 g/m²	160 g/m²	200 g/m²	250 g/m²	300 g/m²	350 g/m²
BASIC WEIGHT	ISO 536	g/m²	5%	90	120	160	200	250	300	350
CALIPER	ISO 534	µm	5%	108	140	178	215	268	322	385
BULK	ISO 534	cm²/g	-	1,20	1,17	1,11	1,08	1,07	1,07	1,10
CIE WHITENESS*	ISO 11475	%	3	122	122	122	122	122	122	122
ROUGHNESS (BENDTSEN)	ISO 8791-2	ml/min	50	220	220	220	220	220	220	220
OPACITY	ISO 2471	%	-	>91	>95	-	-	-	-	-
MOISTURE CONTENT	ISO 287	%	1,0	6,3	6,5	6,7	6,9	7,0	7,0	7,0

** Refers to Natural shade.*

NB. At times slight differences may occur in paper shade and look as a result of the use of natural raw materials.

Special makings are available upon request.

RECYCLABLE · BIODEGRADABLE · SEAWEEDS · ECF ELEMENTAL CHLORINE FREE PULP · FREE ACID · EN71 SAFETY TOYS · REACH COMPLIANCE · 94/62 EC HEAVY METAL COMPLIANT · 25/40 EN PPWR COMPLIANT · 21 PAP · 22 PAP · FSC www.fsc.org FSC® C001810 The mark of responsible forestry

100% Renewable Energy

SCB

PAPER COMPENSATED THROUGH
"THE BRAZIL NUT FORESTS OF MADRE DE DIOS"
REDD+ PROJECT

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PRINTING AND FINISHING RECCOMENDATIONS

INKS
To ensure good drying, Alga Carta should be printed with fresh or semi-fresh inks, preferably new and undiluted. The drying process can be slightly accelerated by adding extra desiccant.

BLANKETS
For a good graphic impression, use compressible blankets.

DRYING TIME
Allow 24 hours drying time after printing. For heavier graphic elements and higher densities, sufficient powder should be applied.

FINISHING
Prescoring is recommended for board weights and when folding against the grain direction.

PRINTABILITY AND RUNNABILITY
Every method of printing, embossing, punching, die cutting, creasing, laminating and UV varnishing is possible.

NOTE
Due to its hygroscopic nature, paper can show curl issues if not conditioned properly.
To avoid any issue, we recommend to store the paper closed in its original wrap inside the printing area for at least 24-48 hours. After this conditioning time, the wrapping can be open and the paper can be utilized.

> Please contact our technical department for further suggestions.

MILL ACCREDITATION | Rossano Veneto VI - Italy

CORPORATE QUALITY MANAGEMENT STANDARD | UNI EN ISO 9001

ENVIRONMENTAL MANAGEMENT STANDARD | UNI EN ISO 14001

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT STANDARD | UNI EN ISO 45001

ECO-MANAGEMENT AND AUDIT SCHEME CE 1221/2009 | EMAS

We care about the environment: www.favini.com/en/sustainability