

SUMO

PRODUCT DESCRIPTION

Sumo is the new high quality tinted solid boards. Thanks to the dyeing process, the colour distribution is consistent throughout to give sophisticated results especially when the edge is visible.
The Oddy Test on Sumo White confirms that it is suitable for the use in the storage or display of museum objects.

Available in 7 colours and 4 thicknesses.



TECHNICAL DATA

THE FOLLOWING DATA REFERS TO SUMO WHITE, DARK BLUE, KRAFT BROWN, RED, DARK GREY, LIGHT GREY

	METHOD		+/-	1 mm	1,5 mm	2 mm	3 mm
BASIC WEIGHT	ISO 536	g/m ²	5%	700	1050	1350	2150
CALIPER	ISO 534	mm	10%	1,0	1,5	2,0	3,0
BULK	ISO 534	cm ² /g	-	1,43	1,43	1,48	1,40
WHITENESS (CIE)*	ISO 11475	%	3	121	121	121	121
STIFFNESS - MD	ISO 2493	mN	>	2300	6200	7500	-
STIFFNESS - CD	ISO 2493	mN	>	1200	3500	5000	-
MOISTURE CONTENT	ISO 287	%	1,0	7,0	7,0	7,0	7,0

Special makings are available upon request.



* Refer to white version, only.

Sumo conforms to ISO 9706 requirements for permanence and is suitable for applications requiring "Acid Free" paper.
It is biodegradable and recyclable.

PRINTING AND FINISHING RECCOMENDATIONS

GENERAL PRINTABILITY	Letterpress and screen-printing obtains good results (platen presses only).
LASER	Both cutting and engraving processes can be used.
DIGITAL	Good printing results were obtained using UV inkjet flatbed presses.
FOIL	Hot foil stands out on both Sumo surface, as well as to edge colour.
CREASING	To fold Sumo we suggest also to consider v-grooving, where a grooving tool removes an amount of material from the paperboard, and also kiss-cutting, a die cutting process where surface is cut but does not fully penetrate the board. Creasing is possible, but difficult to obtain, especially on higher thicknesses. Special creasing tools are required for good creasing on Sumo.
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

SUMO BLACK

PRODUCT DESCRIPTION

Sumo is the new high quality tinted solid boards. Thanks to the dyeing process, the colour distribution is consistent throughout to give sophisticated results especially when the edge is visible.

Sumo Black is available in 4 thicknesses.



TECHNICAL DATA

	METHOD		+/-	1 mm	1,5 mm	2 mm	3 mm
BASIC WEIGHT	ISO 536	g/m ²	5%	700	1050	1350	2150
CALIPER	ISO 534	mm	10%	1,0	1,5	2,0	3,0
BULK	ISO 534	cm ² /g	-	1,43	1,43	1,48	1,40
STIFFNESS - MD	ISO 2493	mN	>	2300	6200	7500	-
STIFFNESS - CD	ISO 2493	mN	>	1200	3500	5000	-
MOISTURE CONTENT	ISO 287	%	1,0	7,0	7,0	7,0	7,0

Special makings are available upon request.



RECYCLABLE



BIODEGRADABLE



ELEMENTAL
CHLORINE
FREE



ACID



CARBON
BLACK



SAFETY TOYS



HEAVY METAL
COMPLIANT



PAP



The mark of
responsible forestry

PRINTING AND FINISHING RECCOMENDATIONS

GENERAL PRINTABILITY	Letterpress and screen-printing obtains good results (platen presses only).
LASER	Both cutting and engraving processes can be used.
DIGITAL	Good printing results were obtained using UV inkjet flatbed presses.
FOIL	Hot foil stands out on both Sumo surface, as well as to edge colour.
CREASING	To fold Sumo we suggest also to consider v-grooving, where a grooving tool removes an amount of material from the paperboard, and also kiss-cutting, a die cutting process where surface is cut but does not fully penetrate the board. Creasing is possible, but difficult to obtain, especially on higher thicknesses. Special creasing tools are required for good creasing on Sumo.
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.

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