FAVINI

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# 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.

ECF ELEMENTAL CHLORINE FREE
FREE ACID
94/62 EC HEAVY METAL COMPLIANT
25/40 EN PPWR COMPLIANT

REFERS TO SUMO WHITE
ODDY TEST PASSED

21 PAP

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## 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.*