

BINDAKOTE COLOURS

PRODUCT DESCRIPTION

BINDAKOTE is the original brand of prestigious cast coated papers and boards. Super smooth and mirror gloss surface, excellent stiffness and bulk, specific qualities for labelling, high colour integrity and market leading drying properties make Bindakote the right choice for all sophisticated printing and converting processes.

Bindakote it is available in a wide range of grammages and Bindakote Colours is a unique range of brilliant colours, pearl and soft metal shades plus black on black and blue on black, for all creative printing and packaging ideas.



TECHNICAL DATA

THE FOLLOWING DATA REFERS TO BINDAKOTE COLOURS

	METHOD		+/-	250 g/m ²
BASIS WEIGHT	ISO 536	g/m ²	5%	250
CALIPER	ISO 534	µm	5%	293
BULK	ISO 534	cm ³ /g	-	1,2
MOISTURE CONTENT	ISO 287	%	1	5,0
L&W STIFFNESS	ISO 2493	mN MD/CD	>	140/70 (15°/90mm)

THE FOLLOWING DATA REFERS TO BINDAKOTE BLUE ON BLACK

	METHOD		+/-	250 g/m ²
BASIS WEIGHT	ISO 536	g/m ²	5%	250
CALIPER	ISO 534	µm	5%	293
BULK	ISO 534	cm ³ /g	-	1,2
MOISTURE CONTENT	ISO 287	%	1	5,0
L&W STIFFNESS	ISO 2493	mN MD/CD	>	140/70 (15°/90mm)

THE FOLLOWING DATA REFERS TO BINDAKOTE BLACK ON BLACK

	METHOD		+/-	115 g/m ²	250 g/m ²	350 g/m ²
BASIS WEIGHT	ISO 536	g/m ²	5%	115	250	350
CALIPER	ISO 534	µm	5%	120	293	420
BULK	ISO 534	cm ³ /g	-	1,1	1,2	1,2
MOISTURE CONTENT	ISO 287	%	1	5,0	5,0	5,0
L&W STIFFNESS	ISO 2493	mN MD/CD	>	210/105 (15°/50mm)	140/70 (15°/50mm)	400/200 (15°/50mm)

Special makings are available upon request.



PRINTING AND FINISHING RECCOMENDATIONS

PRINTING JOB PREPARATION

BINDAKOTE is produced to be dimensionally stable at 50 % U.R. 21-23°C. Care should be taken to avoid extremes of humidity and temperature, in the print room. Keep in mill wrappers for as long as possible and protect from extremes of hot and cold.

OFFSET LITHO

This is the most popular process for the printing of Bindakote. In addition to giving you excellent print quality, Bindakote runs cleanly on press. In our experience best results are obtained by using: minimum quantity of ink, minimum printing pressure, minimum dampening solution and transparent inks so that the gloss of the Bindakote surface is preserved. Dampening solution is advisable to keep the PH buffered and not to go below 5. It is recommended to use isopropyl alcohol in the standard quantity.

LETTERPRESS

Used extensively for the printing self-adhesive constructions, the compressibility inherent in Bindakote makes it ideally suited to the letterpress process. Keep cylinder pressures light especially when printing the reverse side.

SCREEN-PRINTING

Bindakote's polished surface offers an ideal platform for silkscreen printing.

INKS

Inks normally used for coated papers can also be used for Bindakote thanks to its microporous absorbant surface. Exceptions are bright, metallic and pearly colours, whose surfaces have lost their absorption properties due to the significant quantity of pigment used. In these cases the use of totally oxidizing inks such as those for plastic films or U.V. inks are recommended.

MATT INKS

These are inks, which by obstructing the passage of light inhibit the surface gloss thereby achieving special effects. They can be used in all circumstances.

METALLIC INKS

These inks require certain precautions. These are inks that on Bindakote enhance gloss and coverage since the metallic pigments of which they consist are evenly spread on the smooth surface.

U.V. INKS	Can be used on Bindakote without any problems. These inks have a photo sensitive polymer as their base which, when exposed to Ultra Violet rays polymerizes and dried quickly.
FOIL BLOCKING	The surface smoothness makes Bindakote very responsive to foil blocking and stamping.
THERMOGRAPHY	The heat generated during normal processing should have no adverse effects on Bindakote so it makes an excellent choice for this conversion method.
VARNISHING	The glossy surface of Bindakote does not require varnishing. Varnishing is performed in all those cases where the surface needs to be protected in preparation for subsequent applications. U.V. varnish should be selected with care so as to obtain the same performance both on the printed and unprinted areas. This is an increasingly popular varnishing system with Bindakote, the final gloss effect will be produced by the varnish.
FILM LAMINATION	You'll get good results with all plastic films: cellulose acetate, polypropylene, PVC etc. This process produces high quality results. Before laminating the main precaution is to eliminate any drying powder during the printing process.
GLUING	Bindakote doesn't need particular glues.
EMBOSSING	The surface of Bindakote is flexible and extensible so go ahead and use the full range of embossing and die stamping techniques. The surface is resistant to cracking and dies varying depths can be used successfully.
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 | Crusinallo VB - 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

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