# FAVINI

CRUSH

PRODUCT DESCRIPTION

CRUSH is the ecological range of papers made using process residues from organic products (coconut, cocoa, citrus fruits, corn, olives, coffee, kiwi fruits, cherries, lavender, grapes, hazelnuts and almonds) to replace up to 15% of virgin tree pulp.

Crush is FSC™ certified, produced with renewable energy, GMO free, contains 40% post-consumer recycled waste.

The carbon footprint is reduced by 20% compared to standard paper production by using by-products and 100% renewable energy. Any unavoidable emissions generated during production of this eco-friendly paper are fully offset through Carbon Credits used to finance activities that can absorb CO_2 in the atmosphere.

Crush and its production process are patented.
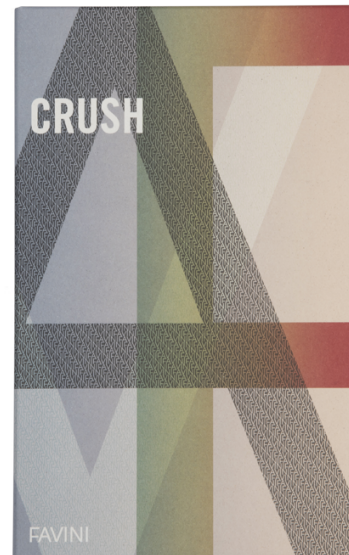
TECHNICAL DATA

THE FOLLOWING DATA REFERS TO CRUSH COCOA

	METHOD		+/-	100 g/m²	120 g/m²	250 g/m²	350 g/m²
BASIC WEIGHT	ISO 536	g/m²	5%	100	120	250	350
THICKNESS	ISO 534	µm	5%	140	165	345	470
BULK	ISO 534	cm³/g	-	1,40	1,38	1,38	1,34
COBB 60 SEC (FELT SIDE)	ISO 535	g/m²	5	35	35	35	35
COBB 60 SEC (WIRE SIDE)	ISO 535	g/m²	5	35	35	35	35
ABSOLUTE HUMIDITY	ISO 287	%	1,0	6,5	7,0	7,0	7,0

THE FOLLOWING DATA REFERS TO CRUSH GRAPE

	METHOD		+/-	90 g/m² WS	100 g/m²	120 g/m²	250 g/m²	350 g/m²
BASIC WEIGHT	ISO 536	g/m²	5%	90	100	120	250	350
CALIPER	ISO 534	µm	6%	110	135	165	340	490
BULK	ISO 534	cm³/g	-	1,22	1,35	1,38	1,36	1,40
COBB 60 SEC	ISO 535	g/m²	5	25	30	35	35	35
ROUGHNESS (BENDTSEN)	ISO 8791-2	ml/min	-	250 ±60	400 ±150	-	-	-
MOISTURE CONTENT	ISO 287	%	1,0	6,5	6,5	7,0	7,0	7,0

THE FOLLOWING DATA REFERS TO CORN AND CITRUS

	METHOD		+/-	100 g/m²	120 g/m²	200 g/m²	250 g/m²	350 g/m²
BASIC WEIGHT	ISO 536	g/m²	5%	100	120	200	250	350
CALIPER	ISO 534	µm	6%	130	165	270	340	490
BULK	ISO 534	cm³/g	-	1,30	1,38	1,35	1,36	1,40
WHITENESS (CIE)*	ISO 11475	%	3	109	109	109	109	109
OPACITY	ISO 2471	%	>	90	-	-	-	-
COBB 60 SEC	ISO 535	g/m²	5	35	35	35	35	35
MOISTURE CONTENT	ISO 287	%	1,0	6,0	7,0	7,0	7,0	7,0

THE FOLLOWING DATA REFERS TO CRUSH KIWI, OLIVE, ALMOND, HAZELNUT, CHERRY, LAVENDER AND COFFEE

	METHOD		+/-	120 g/m²	250 g/m²	350 g/m²
BASIC WEIGHT	ISO 536	g/m²	5%	120	250	350
CALIPER	ISO 534	µm	6%	178	365	525
BULK	ISO 534	cm³/g	-	1,58	1,52	1,54
COBB 60 SEC	ISO 535	g/m²	5	35	35	35
MOISTURE CONTENT	ISO 287	%	0,5	7,0	7,0	7,0

THE FOLLOWING DATA REFERS TO COCONUT

	METHOD		+/-	100 g/m²	120 g/m²	200 g/m²	250 g/m²	350 g/m²
BASIC WEIGHT	ISO 536	g/m²	5%	100	120	200	250	350
CALIPER	ISO 534	µm	5%	140	178	295	365	525
BULK	ISO 534	cm³/g	-	1,40	1,48	1,48	1,46	1,50
COBB 60 SEC	ISO 535	g/m²	5	35	35	35	35	35
MOISTURE CONTENT	ISO 287	%	1	6,5	7,0	7,0	7,0	7,0

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

Special makings are available upon request.

RECYCLABLE   COMPOSTABLE*   BIODEGRADABLE   40% POST CONSUMER WASTE   15% AGRO INDUSTRIAL RESIDUES   ECF ELEMENTAL CHLORINE FREE   FREE ACID   REACH COMPLIANT   GMO FREE GENETICALLY MODIFIED ORGANISM**   EN71 SAFETY TOYS   21 PAP   22 PAP

* Refers to Corn.
** The by-products used are GMO free, sourced in Italy from controlled origins.

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

PRINTING AND FINISHING RECCOMENDATIONS

INKS	We suggest to print CRUSH with good quality stay fresh inks.
BLANKETS	For a good graphic impression, use compressible blankets.
PICKING	In case of slight dust due to the special composition of the paper, we suggest to add anti tack paste and wash frequently the rubber blankets.
SCREENS	For the offset printing process a screen value of 150 lpi is recommended. For dry offset printing this can be slightly higher, for example 200 lpi.
DRYING TIME	After printing, make small sheet pallets and allow 24 hours drying time. 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. For board weights, we suggest to enlarge the size of the creasing rule.
DIGITAL PRINTING DRY TONER	Crush is suitable for dry toner digital printing.
DIGITAL PRINTING HP INDIGO	Crush is not yet suitable for HP Indigo printing.
PRINTABILITY AND RUNNABILITY	Every method of printing, embossing, punching, die cutting, creasing, hot foil stamping, 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 I Rossano Veneto VI - Italy

CORPORATE QUALITY MANAGEMENT STANDARD I UNI EN ISO 9001

ENVIRONMENTAL MANAGEMENT STANDARD I UNI EN ISO 14001

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT STANDARD I UNI EN ISO 45001

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

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