FEDRIGONI
PAPER

X-PER

DESCRIPTION

Uncoated papers and boards made with E.C.F. pulp, certify FSC®. Special treatment on both sides to enhance the pleasant surface and to allow a particularly bright and sharp printing. Available in White and Premium White shades.

RANGE

SIZE	GRAIN	SUBSTANCE
72X102	LG	100 120 140 200 250 320
102X72	SG	120 140 320

TECHNICAL FEATURES

Ref. standard/instrument unit of measure

SUBSTANCE	V.S.A.	SMOOTHNESS	TABER STIFFNESS 15°	
ISO 536	ISO 534	ISO 8791 - 2	ISO 8791 - 2	
g/m²	cm³/g	ml/min	mN	
			long ± 10%	cross ± 10%
100 ± 3%	1,1	130 ± 30	5	4
120 ± 3%	1,1	130 ± 30	8	6
140 ± 3%	1,1	130 ± 30	18	13
200 ± 4%	1,2	150 ± 30	90	58
250 ± 5%	1,2	150 ± 30	120	80
320 ± 5%	1,2	170 ± 30	280	170

Brightness (Premium White) - ISO 2470 (R457) - 104% ± 2
Brightness (White) - ISO 2470 (R457) - 105% ± 2
Relative Humidity 50% ± 5
ref. TAPPI 502-98

ECOLOGICAL FEATURES

MIX Paper from responsible sources FSC® C015523
ELEMENTAL CHLORINE FREE GUARANTEED
ACID FREE
LONG ISO 9706 LIFE
HEAVY METAL ABSENCE CE 94/62

NOTES

The product is completely biodegradable and recyclable.
Special runs available upon request.

UNI EN ISO 9001:2008-CQ 539
UNI EN ISO 14001:2004-CQ 7847
BSI-OHSAS 18001:2007-CQ 15229

PRODUCT DATA SHEET
W&I/1A8
Updtate 02/2021
Rev. n° 09

X-PER

APPLICATIONS

X-Per is the ideal substrate for any graphic project, indeed the high handling characteristics, the high rigidity and opacity make it an optimal choice for the most demanded universal uses, from publishing to packaging or any commercial printing.

PRINTING SUGGESTIONS

Can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing. The macro-porous surface suggests the use of demi-oxidizing drying inks. Use of a moderate ink load will result in better control of setting; in this regard, good result are obtained with UCR or GCR grading to reduce the mass of ink transferred onto the paper, with screen size up to 175 lpi. Good chromatic and tone performance, ink load, dot gain and printing contrast are at the highest levels obtainable from uncoated papers.

CONVERTING SUGGESTIONS

Varnishing and plastic laminating must be assessed in advance. The varnishing coated with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screen-printing varnishing achieves better results, although it is often necessary to perform two shots to achieve a distinctly evident result. The surface roughness typical of uncoated papers may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the substrate.
Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing.