



# FEDRIGONI ARENA® EXTRA WHITE SMOOTH

## description

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. Available in the cool new “Extra White” shade. Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique. Substances above 300 gsm are obtained by wet lamination during the paper-making stage.

## range

size	grain	substance													
46x64	LG	90	120	140	300										
64x88	LG	70	80	90											
64x90	LG	90	100	120	140	170	200	250	300						
90x64	SG	90	120	140	200	300									
70x100	LG	70	80	90											
72x102	LG	70	80	90	100	120	140	170	200	250	300	350			
102x72	SG	90	120	140	170	300									

**technical features**  
ref. standard/instrument  
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m <sup>2</sup>	cm <sup>3</sup> /g	%	ml/min	%
70 ± 3%	1,15	88 ± 2	150 ± 20%	110% ± 2
80 ± 3%	1,15	90 ± 2	150 ± 20%	110% ± 2
90 ± 3%	1,15	92 ± 2	150 ± 20%	110% ± 2
100 ± 3%	1,15	94 ± 2	150 ± 20%	110% ± 2
120 ± 3%	1,15	96 ± 2	150 ± 20%	110% ± 2
140 ± 3%	1,15	97,5 ± 2	150 ± 20%	110% ± 2
170 ± 3%	1,15	98,5 ± 2	150 ± 20%	110% ± 2
200 ± 4%	1,15	–	150 ± 20%	110% ± 2
250 ± 5%	1,20	–	220 ± 20%	110% ± 2
300 ± 5%	1,22	–	220 ± 20%	110% ± 2
350 ± 5%	1,22	–	220 ± 20%	110% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

## ecological features



The mark of responsible forestry

ELEMENTAL  
CHLORINE  
FREE  
GUARANTEED



## notes

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

The Company reserves the right to modify the technological features of the product in relation to market requirements.

Fedrigoni Arena<sup>®</sup> Extra White Smooth is excellent for de luxe publications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

**applications**

Fedrigoni Arena<sup>®</sup> Extra White Smooth can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macroporous surface works best when using semi-oxidative drying inks. Fedrigoni Arena<sup>®</sup> Extra White Smooth has good chromatic and tone performance. Printing densities, dot gain and printing contrast are at the highest performance levels obtainable from uncoated papers.

**printing  
suggestions**

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. 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 paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

**converting  
suggestions**