

# ARENA EXTRA WHITE SMOOTH

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.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
64X90	LG	80 90 100 120 140 170 200 250 300
72X102	LG	80 90 100 120 140 170 200 250 300 350
102X72	SG	90 120 140 170 300

### RANGE

SUBSTANCE	VSA	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	%
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

### TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

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



### ECOLOGICAL FEATURES

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

### NOTES

# ARENA EXTRA WHITE SMOOTH

Fedrigoni Arena® 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® 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 macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® 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



# FEDRIGONI

## SPECIAL PAPERS

# ARENA IVORY SMOOTH

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. Available in the bright new "Ivory" 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.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
64X90	LG	70 80 90 100 120
72X102	LG	70 80 90 100 120 140 170 200 250 300
102X72	SG	90 120 140 170

### RANGE

SUBSTANCE	VSA	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	86,5 ± 2	150 ± 20%	72% ± 2
80 ± 3%	1,15	88 ± 2	150 ± 20%	72% ± 2
90 ± 3%	1,15	89,5 ± 2	150 ± 20%	72% ± 2
100 ± 3%	1,15	90,5 ± 2	150 ± 20%	72% ± 2
120 ± 3%	1,15	92 ± 2	150 ± 20%	72% ± 2
140 ± 3%	1,15	94 ± 2	150 ± 20%	72% ± 2
170 ± 3%	1,15	96 ± 2	150 ± 20%	72% ± 2
200 ± 4%	1,15	-	150 ± 20%	72% ± 2
250 ± 5%	1,20	-	220 ± 20%	72% ± 2
300 ± 5%	1,22	-	220 ± 20%	72% ± 2

### TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

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



### ECOLOGICAL FEATURES

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

### NOTES

# ARENA IVORY SMOOTH

Arena Ivory Smooth is excellent for de luxe publications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

## APPLICATIONS

Arena Ivory 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 macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Ivory Smooth has good chromatic and tone performance.

## 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



# ARENA NATURAL SMOOTH

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. The new “Natural” white shade is obtained without using Optical Brightening Agents (OBA Free). 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.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
64X90	LL	90 100 120 140 170 200 250 300
72X102	LL	90 100 120 140 170 200 250 300 350
102X72	LC	90 120 140 170 300

### RANGE

SUBSTANCE	VSA	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	%
90 ± 3%	1,15	90 ± 2	150 ± 20%	87% ± 2
100 ± 3%	1,15	92 ± 2	150 ± 20%	87% ± 2
120 ± 3%	1,15	94 ± 2	150 ± 20%	87% ± 2
140 ± 3%	1,15	96 ± 2	150 ± 20%	87% ± 2
170 ± 3%	1,15	97 ± 2	150 ± 20%	87% ± 2
200 ± 4%	1,15	-	150 ± 20%	87% ± 2
250 ± 5%	1,20	-	220 ± 20%	87% ± 2
300 ± 5%	1,22	-	220 ± 20%	87% ± 2
350 ± 5%	1,22	-	220 ± 20%	87% ± 2

### TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

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



### ECOLOGICAL FEATURES

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

### NOTES

# ARENA NATURAL SMOOTH

Arena Natural Smooth is excellent for de luxe publications, diaries, note-books, packagings, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

## APPLICATIONS

Arena Natural 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 macro-porous surface works best when using semi-oxidative drying inks. Arena Natural 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



# ARENA WHITE SMOOTH

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. Available in the new warm “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.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
64X90	LL	90 100 120 140 170 200 250 300
72X102	LL	90 100 120 140 170 200 250 300 350 400 450 580

### RANGE

SUBSTANCE	VSA	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	%
90 ± 3%	1,15	90 ± 2	150 ± 20%	101% ± 1
100 ± 3%	1,15	92 ± 2	150 ± 20%	101% ± 1
120 ± 3%	1,15	94 ± 2	150 ± 20%	101% ± 1
140 ± 3%	1,15	96 ± 2	150 ± 20%	101% ± 1
170 ± 3%	1,15	97 ± 2	150 ± 20%	101% ± 1
200 ± 4%	1,15	-	150 ± 20%	101% ± 1
250 ± 5%	1,20	-	220 ± 20%	101% ± 1
300 ± 5%	1,22	-	220 ± 20%	101% ± 1
350 ± 5%	1,22	-	220 ± 20%	101% ± 1
400 ± 5%	1,22	-	220 ± 20%	101% ± 1
450 ± 5%	1,22	-	220 ± 20%	101% ± 1
580 ± 5%	1,22	-	220 ± 20%	101% ± 1

### TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

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



### ECOLOGICAL FEATURES

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

### NOTES

Envelopes available on stock.

# ARENA WHITE SMOOTH

Arena White Smooth is excellent for de luxe publications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

## APPLICATIONS

Arena 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 macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® 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

