



# FEDRIGONI ARENA® NATURAL ROUGH

## description

Wood-free 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.

## range

size	grain	substance				
64x90	LG	90	100	120	140	300
90x64	SG	90	120			
72x102	LG	90	100	120	140	200 300
102x72	SG	90	120	140	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	%

90 ± 3%	1,35	90 ± 2	600 ± 20%	89% ± 2
100 ± 3%	1,35	92 ± 2	600 ± 20%	89% ± 2
120 ± 3%	1,35	93 ± 2	700 ± 20%	89% ± 2
140 ± 3%	1,35	95 ± 2	800 ± 20%	89% ± 2
250 ± 5%	1,38	–	950 ± 20%	89% ± 2
300 ± 5%	1,4	–	1200 ± 20%	89% ± 2

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

## ecological features



The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED



Envelopes available on stock.

## note

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

**applications**

Fedrigoni Arena® Natural Rough 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® Natural Rough 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**