

# CONSTELLATION SNOW

Uncoated white papers and boards, certify FSC® and made with E.C.F. pulp. High strength, one side off-machine embossed in twenty different patterns. Two sided embossed in 3 patterns. Substances over 200 gsm are wet laminated in the formation stage.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
72X102	LG	115 130 170 200 240 280 350 400

### RANGE

SUBSTANCE	VSA*	TABER STIFFNESS 15**		TENSILE STRENGTH*	
		long ± 10%	cross ± 10%	long ± 10%	cross ± 10%
ISO 536	ISO 534	ISO 2493		ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	mN		kN/m	
115 ± 3%	1,3 ± 0,1	20	10	7,5	3,5
130 ± 3%	1,3 ± 0,1	30	14	8,5	4,5
170 ± 3%	1,3 ± 0,1	65	26	10,4	5,2
200 ± 4%	1,3 ± 0,1	90	50	11,1	6,5
240 ± 5%	1,3 ± 0,1	195	80	13	7,8
280 ± 5%	1,3 ± 0,1	285	110	15	9,1
350 ± 5%	1,3 ± 0,1	480	180	-	-
400 ± 5%	1,3 ± 0,1	710	325	-	-

### TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

Brightness - ISO 2470 (R457)  
112% ± 2  
Relative Humidity 50% ± 5  
ref. TAPPI 502-98  
\* Before the embossed



### ECOLOGICAL FEATURES

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

### NOTES

# CONSTELLATION SNOW

Constellation Snow is ideal for packaging, coordinated graphic materials, greeting cards and announcements, covers, inserts and de luxe brochures.

## APPLICATIONS

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 oxidative drying inks. The characteristic embossings require specific printing pressure settings.

## PRINTING SUGGESTIONS

Varnishing and plastic laminating must be assessed in advance. The varnish 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 embossed 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.

## CONVERTING SUGGESTIONS

