

# PRODUCT SHEET

## Carta Solida

### PRODUCT DESCRIPTION

Fully coated bleached paperboard with white back

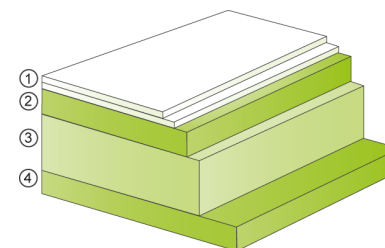
### MAIN END USES

Covers, Cards, Multimedia (CD/DVD packs), Point-of-sales materials, Beautycare, Healthcare, Chocolate and confectionery

### FEATURES

Printing methods Sheet-fed offset, Gravure, Flexo, Serigraphy, Digital printing  
Mill Metsä Board Äänekoski

### STRUCTURE



- 1) Double blade coating
- 2) Bleached chemical pulp
- 3) Bleached chemi-thermo-mechanical pulp (BCTMP)
- 4) Bleached chemical pulp

### TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES									
Grammage g/m <sup>2</sup>		ISO 536	± 2%	185	200	225	235	250	260	270	285	295	320
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	2.4	3.8	5.4	6.6	8.1	9.0	10.0	11.6	13.0	16.0
Bending stiffness MD mNm	Taber 15°	ISO 2493	± 15%	5.2	7.8	11.0	13.5	16.5	18.4	20.2	23.3	26.3	32.5
Thickness mm		ISO 534	± 3%	0.260	0.305	0.355	0.385	0.415	0.435	0.455	0.485	0.505	0.555
Moisture content %		ISO 287	± 1.0	6.8	7.0	7.0	7.2	7.5	7.7	7.7	7.8	8.1	8.3
Smoothness top µm	PPS10	ISO 8791-4	max 1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	91	91	91	91	91	91	91	91	91	91
Brightness back %	Illumination C/2°	ISO 2470-1	± 2	83	83	83	83	83	83	83	83	83	83
Colour CIELAB L* top	Illumination C/2°	ISO 5631-1	± 1.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
Colour CIELAB a* top	Illumination C/2°	ISO 5631-1	± 0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Colour CIELAB b* top	Illumination C/2°	ISO 5631-1	± 1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
Gloss %	Hunter 75°	TAPPI T 480	± 5	48	48	48	48	48	48	48	48	48	48
Robinson test	12 months in original package	EN 1230-2		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Tolerances, when specified, are based on 95% confidence limits on single mill measurements of random samples measured in manufacturing conditions.

Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.

Issued 01.06.2008. Supersedes sheet dated 01.02.2008 | CASOLI2