

# PRODUCT SHEET

## Carta Dedica Firm

### PRODUCT DESCRIPTION

Food service board, top coated  
No added optical brighteners (OBA)

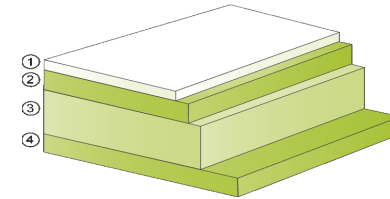
### MAIN END USES

Foods & Beverages

### FEATURES

Printing methods                      Sheet-fed offset, Flexo  
Mill    Metsä Board Tako, Metsä Board Kyro

### STRUCTURE



- 1) 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%	200	215	225	235
Basis weight lb/3000 sf 24x36/500				123	132	138	144
Thickness mm		ISO 534	± 3%	0.305	0.330	0.355	0.385
Caliper pt				12.0	13.0	14.0	15.2
Moisture content %		ISO 287	± 1,0	7.0	7.0	7.0	7.2
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	3.8	4.6	5.4	6.6
Bending stiffness MD mNm	Taber 15°	ISO 2493	± 15%	7.8	9.7	11.0	13.5
Bending stiffness CD gf-cm				39	45	55	67
Bending stiffness MD gf-cm				80	99	112	138
Smoothness top µm	PPS10	ISO 8791-4	max 1.5	1.0	1.0	1.0	1.0
Smoothness top ml/min	Sheffield	indicative value		5	5	5	5
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	83	83	83	83
Gloss %	Hunter 75°	TAPPI T 480		≥35	≥35	≥35	≥35
Robinson test	12 months in original package	EN 1230-2		<1	<1	<1	<1

Tolerances, when specified, are based on 95% confidence limits on single mill measurements of random samples measured in manufacturing conditions.  
The products are in compliance with Lacey Act requirements.  
Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.  
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