

PRODUCT SHEET

Simcote

Simcote+
Preliminary

PRODUCT DESCRIPTION

Fully coated folding boxboard, hard sized, GC2

MAIN END USES

Foods & Beverages, Healthcare

FEATURES

Printing methods Sheet-fed offset, Flexo
Mill Metsä Board Simpele

STRUCTURE



- 1) Double blade coating
- 2) Bleached chemical pulp
- 3) Bleached mechanical pulp
- 4) Bleached chemical pulp

TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	200	210	225	235	250	260	275	290	315	340
Grammage g/m ²		ISO 536	± 2%	200	210	225	235	250	260	275	290	315	340
Basis weight lb/3000 sf 24x36/500			± 2%	123	129	138	144	154	160	169	178	194	209
Thickness mm		ISO 534	± 3%	0.350	0.375	0.400	0.425	0.450	0.475	0.500	0.550	0.600	0.650
Caliper pt			± 3%	13.8	14.8	15.7	16.7	17.7	18.7	19.7	21.7	23.6	25.6
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 10%	4.7	5.8	7.0	8.4	9.7	11.0	12.6	15.8	18.9	22.1
Bending stiffness MD mNm	Taber 15°	ISO 2493	± 10%	10.5	12.1	15.0	17.0	19.2	22.6	25.2	31.0	37.8	45.2
Bending stiffness CD gf·cm			± 10%	48	59	71	86	99	112	128	161	193	225
Bending stiffness MD gf·cm			± 10%	107	123	153	173	196	230	257	316	385	461
Moisture content %		ISO 287	± 1.0	8.0	8.0	8.0	8.5	8.5	8.5	8.5	8.5	9.0	9.0
Smoothness top	PPS10	ISO 8791-4		<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	84	84	84	84	84	84	84	84	84	84
Water absorption top, middle g/m ²	Cobb 3 min	ISO 535		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Water absorption back g/m ²	Cobb 3 min	ISO 535		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Gloss %	Hunter 75°	TAPPI T 480	± 5	35	35	35	35	35	35	35	35	35	35
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.
 GE Brightness and Sheffield are indicative values only. 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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