

Product sheet

Simcote

PRODUCT DESCRIPTION

Fully coated folding boxboard, hard sized, GC2

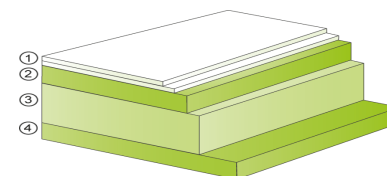
MAIN END USES

Foods & Beverages, Healthcare

FEATURES

Printing methods Sheet-fed offset, Flexo

STRUCTURE



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

TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES									
Grammage g/m ²		ISO 536	± 2%	200	210	225	235	250	260	275	290	315	340
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
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
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
Colour CIELAB L* top	Illumination C/2°	ISO 5631-1	± 1.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
Colour CIELAB a* top	Illumination C/2°	ISO 5631-1	± 0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Colour CIELAB b* top	Illumination C/2°	ISO 5631-1	± 1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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. Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates. Issued 22.04.2013. | SICOTEN