

sappi | Algro Design Duo

Symmetrical full coated top and reverse side solid bleached board (SBB).

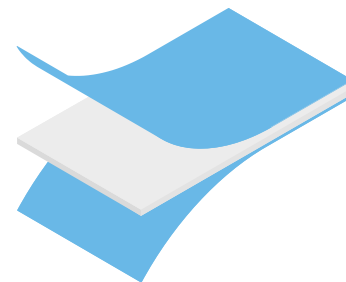
Features

- Silky top surface
- Superior brightness level and high board gloss
- Excellent bulk and stiffness
- Outstanding printing and finishing properties
- High UV light fastness
- Resistance to ageing

Full coated top side

Base board (100% virgin fibre)

Full coated reverse side



PROPERTY	UNITS	METHODS	TYPICAL VALUES					
BASIS WEIGHTS	g/m ²	ISO 536	250.0	270.0	300.0	330.0	360.0	380.0
THICKNESS	µm	ISO 534	270.0	290.0	335.0	375.0	410.0	450.0
BENDING FORCE (15°/50 MM) MD	mN	ISO 5628 2493	130.0	180.0	255.0	350.0	460.0	590.0
BENDING FORCE (15°/50 MM) CD	mN	ISO 5628 2493	65.0	88.0	140.0	190.0	240.0	315.0
BENDING MOMENT (15°) MD	mNm	TABER T489-OM-92	6.3	8.7	12.3	16.9	22.2	28.5
BENDING MOMENT (15°) CD	mNm	TABER T489-OM-92	3.1	4.3	6.8	9.2	11.6	15.2
BENDING STIFFNESS (5°/50 MM) MD	mNm	DIN 53121	12.5	16.3	23.9	31.4	42.7	55.3
BENDING STIFFNESS (5°/50 MM) CD	mNm	DIN 53121	7.5	10.0	13.8	18.8	23.9	30.2
BRIGHTNESS (R457)	%	ISO 2470-2	101.5	101.5	101.5	101.5	101.5	101.5
WHITENESS (CIE)	%	ISO 11475	132.0	132.0	132.0	132.0	132.0	132.0
L-VALUE	%	ISO 5631	95.5	95.5	95.5	95.5	95.5	95.5
A-VALUE	-	ISO 5631	2.00	2.00	2.00	2.00	2.00	2.00
B-VALUE	-	ISO 5631	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
SURFACE ROUGHNESS	µm	ISO 8791-4	1.8	1.8	1.8	1.8	1.8	1.8
MOISTURE CONTENT ABS.	%	DIN EN ISO 287	5.5	5.5	5.5	5.5	5.5	5.5

Test climate 23°C, 50 % relative humidity, DIN EN 20 187
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Printing processes

- Offset
- Screen printing
- Flexo

Available in

- Sheets
- Reels

Conversion process

- Lacquering - UV, water based and conventional, foil and film lamination, hot foil stamping and cold foil transfer, embossing (high, relief, structure, micro), die cutting, creasing, grooving, perforating, flock coating, lasercodable.

Compliance

- Suitable for direct food contact in accordance with recommendation BfR XXXVI, FDA and Austrian food legislation
- Taint and odour neutral
- Meets the purity requirements of toy safety (heavy metal content)
- Available on request as FSC Mix Credit (FSC™-C015022) or 100% PEFC (PEFC/07-32-76) certified

End uses

- High quality packaging and graphic applications

For more information please visit www.sappi.com

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