

Specification Sheet

November 2021 (Replaces all previous editions)



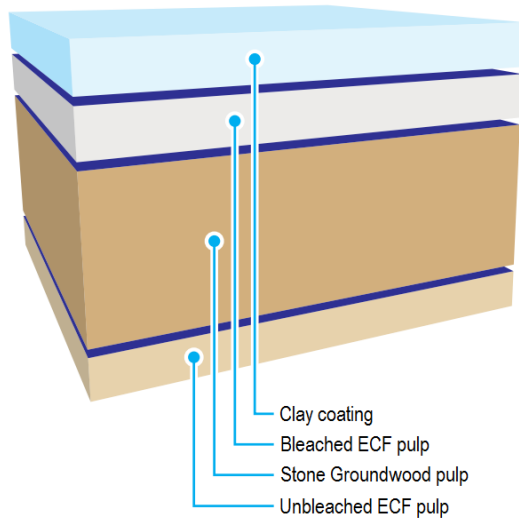
SPECTRA

COATED ONE SIDE, KRAFT-BACK FOLDING BOX BOARD

Structure

- 3-ply board structure for yield and stiffness
- Double coated top side
- Uncoated reverse side

Board Structure



Printability

- Suitable for sheet-fed offset and flexo printing
- Complex graphics

Ordering

- Minimum order size may apply
- Deckle surcharge may apply
- Call your Customer Services Representative for assistance

Product Safety

- GMP as per EC 2023/2006
- Uses only Virgin pulp fibres
- Free of Optical Brightening Agents
- Materials used are approved for food contact according to:
 - EC 1935/2004
 - US FDA CFR Title Part 176.170 and 176.180
 - German BfR Recommendation XXXVI
 - China GB 4806.1 and 4806.8

Specific compliance details are available in our product safety statements and must be carefully read by users of our products.

Application Options



Automotive components
Beverage
Cakes
Canned food
Consumer goods
Convenience food

Desserts
Detergent
Household products
Pizza
Ready to eat meals
Scallops

Shellfish
Shoes
Spare parts
Tools

Our products are tested for food safety against conditions of use which should not be assumed to include the above listed applications. To ensure we are providing the correct product with the correct product safety we must know the intended final use. Please contact us with this information before using our product for any application – our contact information is on the reverse side of this document.

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Specifications

Thickness	Grammage	Bending Resistance L & W (15°)		Bending Moment Taber (15°)		Moisture (130°)
		MD mN	CD mN	MD mNm	CD mNm	
μm	gsm	MD mN	CD mN	MD mNm	CD mNm	%
280	195	125	55	6.0	2.6	7.0 - 10.5
350	248	243	117	10.0	5.0	7.0 - 10.5
400	271	340	163	13.0	6.5	7.0 - 10.5
450	292	437	210	18.5	9.3	7.0 - 10.5
500	320	595	283	24.0	12.0	7.0 - 10.5
550	345	749	358	31.0	15.5	7.0 - 10.5
630	388	1076	517	46.0	23.0	7.0 - 10.5
675	415	1269	610	51.5	25.8	7.0 - 10.5
700	429	1327	638	56.3	28.2	7.0 - 10.5

Printing Surface Properties

IGT Blister Velocity (medium viscosity oil)	1.2m/s
IGT Pick Velocity (medium viscosity oil)	1.2m/s
ISO Brightness	80%
PPS Roughness (10kg)	2.1μm

Other Properties

Scott Plybond	175J/m ²
Cobb (60s) - Back Liner	35gsm

Tolerances

Thickness	±25μm
Grammage	±5%
Bending Resistance	-20%
Bending Moment	Typical conditioned values
ISO Brightness	±2 brightness units
PPS Roughness (10kg)	+0.93μm
Scott Plybond	-20%
Cobb (60s)	+40gsm
IGT Pick/Blister	≥0.6m/s

Notes

These property mean values and limits are the manufacturing standards applied by Whakatane Mill and relate to machine roll tests carried out according to Appita (NZS/AS 1301).

All paperboard exhibits loss in stiffness and plybond caused by routine physical actions in converting (i.e. decurling, wrapping cylinders or passing through nips during printing etc.)

See reverse for typical application notes

Contacting Whakatane Mill

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New Zealand

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Whakatane Mill Ltd certified systems:

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- FSC Chain-of-Custody;
 - FSC Registration Code RA-COC-004060
 - RA-CW-004060
 - FSC Licence Code FSC-C010438
- BRCGS Hygiene Management System



The above information is given for general guidance only and is subject to change without notice

