



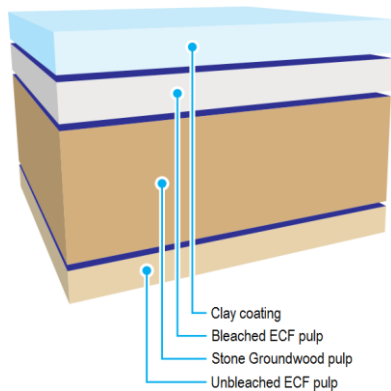
FORMAKOTE™ SPECTRA

Specification Sheet December 2023

COATED ONE SIDE, KRAFT-BACK FOLDING BOX BOARD

Structure:

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



Ordering:

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

Printability:

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

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.

Application ideas:

- FMCG - Fruit & Vegetables, Laundry powder, Canned food, Shelf ready displays, Baked Goods
- Frozen and Chilled Foods - Ready to eat meals, Pizza, Fish fillets, Ice cream
- Industrial - Tools, Parts, Stationary

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.



The above information is given for general guidance only and is subject to change without notice. Product images are for illustrative purposes only.



Preliminary Specification Sheet

December 2023



**FORMAKOTE™
SPECTRA**

SPECIFICATIONS

Thickness	Grammage	Bending Moment Taber (15°)		Moisture (130°)
		MD gf-cm	CD gf-cm	
PT	lbs/MSF			%
11.0	37	58	25	7.0 - 10.5
13.8	48	122	51	7.0 - 10.5
15.7	52	171	71	7.0 - 10.5
17.7	56	219	92	7.0 - 10.5
19.7	62	298	124	7.0 - 10.5
21.7	66	375	156	7.0 - 10.5
24.8	75	540	225	7.0 - 10.5
26.6	80	606	253	7.0 - 10.5
27.6	83	633	264	7.0 - 10.5

Printing Surface Properties:

IGT Blister Velocity (medium viscosity oil)	1.2 m/s
IGT Pick Velocity (medium viscosity oil)	1.2 m/s
ISO Brightness	80 %
PPS Roughness (10 kgf)	1.8 µm

Other Properties:

Scott Plybond	71.4 ft.lb/1000 in ²
Cobb (60 s) - Back Liner	35 gsm
Cobb (180 s) - Back Liner (Hard Sized)	50 gsm

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.

Customer Support:

New Zealand: 0800 737 331

Australia: 1800 504 903

International: +64 7 306 3840

Whakatane Mill Limited:

Private Bag 1000, Whakatane 3158, New Zealand Email:

whakatanecustomer.service@wml.biz

Tolerances:

Thickness	±0.001 inch
Grammage	±5 %
Bending Resistance	-20 %
Bending Moment	Typical conditioned values
ISO Brightness	±2 brightness units
PPS Roughness (10 kgf)	+0.76 µm
Scott Plybond	-20 %
Cobb (60 s)	+40 gsm
Cobb (180 s) (Hard-sized)	+40 gsm
IGT Pick/Blister	≥0.6 m/s

Whakatane Mill Ltd certified systems:

- Food Safety System Certification (FSSC) 22000
- 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

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