FORMAKOTE™ WHITE

COATED TWO SIDES, WHITE-BACK FOLDING BOX BOARD

Formakote™ White is a folding boxboard suitable for a wide variety of applications where a high-quality print and a clean, crisp white appearance on both sides are required.
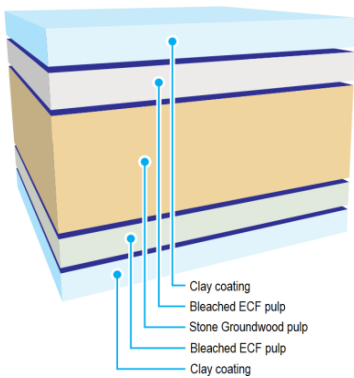
Formakote™ White is a great choice for brand owners seeking an economical, white two-side coated board, that provides a smooth surface for excellent printability to enhance your brand values.

Application Ideas:

- FMCG - confectionery, chocolate, dietary supplements
- Fast Food - fries, burger clams, trays
- Personal Care - cosmetics, perfume, medication

Our products are tested for food safety against conditions of use that 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.

Structure:

- 3-ply board structure for yield and stiffness
- Double blade coated top side
- Single rod coated reverse side

Clean White Interior:

- Clinical look for cosmetics/pharmaceuticals
- Clean look for speciality food products

Printability:

- Suitable for sheet fed, offset, digital and flexo printing
- Complex graphics
- Can print on the back side

Ordering:

- Minimum order size may apply
- Deckle surcharge may apply
- Available as hard sized
- Call your customer service 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.

Clay coating
Bleached ECF pulp
Stone Groundwood pulp
Bleached ECF pulp
Clay coating

WML
WHAKATĀNE MILL LIMITED

EXCELLENCE IN BOARD, EVERY DAY

For further specification and samples email **customerservice@wml.biz** or phone WML sales on **+64 7 306 3840**

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FORMAKOTE™ WHITE SPECIFICATION

THICKNESS	GRAMMAGE	BENDING RESISTANCE L & W (15°)		BENDING MOMENT TABER (15°)		MOISTURE
METRIC						
µm	g/m²	MD mN	CD mN	MD mNm	CD mNm	%
300	202	163	76	7.9	3.7	6.5-10.5
350	230	226	103	10.9	5.0	6.5-10.5
400	248	296	133	14.3	6.4	6.5-10.5
450	271	397	193	19.2	9.3	6.5-10.5
500	290	512	246	24.7	11.9	6.5-10.5
550	309	632	302	30.5	14.6	6.5-10.5
600	332	673	320	32.5	15.5	6.5-10.5
IMPERIAL						
PT	lbs/MSF	MD gf	CD gf	MD gf-cm	CD gf-cm	%
11.8	41	16.6	7.8	81	38	6.5-10.5
13.8	47	23.0	10.5	111	51	6.5-10.5
15.7	51	30.2	13.6	146	65	6.5-10.5
17.7	56	40.5	19.7	196	95	6.5-10.5
19.7	59	52.2	25.1	252	121	6.5-10.5
21.7	63	64.5	30.8	311	149	6.5-10.5
23.6	68	68.6	32.6	331	158	6.5-10.5

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	79 %
PPS Roughness (10 kgf)	1.4 µm

OTHER PROPERTIES	
Scott Plybond	175 J/m² | 83.3 ft.lb/1000 in²
Cobb (60 s) - Back Liner	35 g/m²
Cobb (180 s) - Back Liner (Hard Sized)	50 g/m²

TOLERANCES	
Thickness	±25 µm | ±0.001 inch
Grammage	±5 %
Bending Resistance	-20 %
Bending Moment	Typical conditioned values
ISO Brightness	±2 brightness units
PPS Roughness (10 kgf)	Max 2.1 µm
Scott Plybond	-20 %
Cobb (60 s)	+40 g/m²
Cobb (180 s) (Hard-sized)	+40 g/m²
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 Licence Code FSC® C010438

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.).

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WML WHAKATĀNE MILL LIMITED