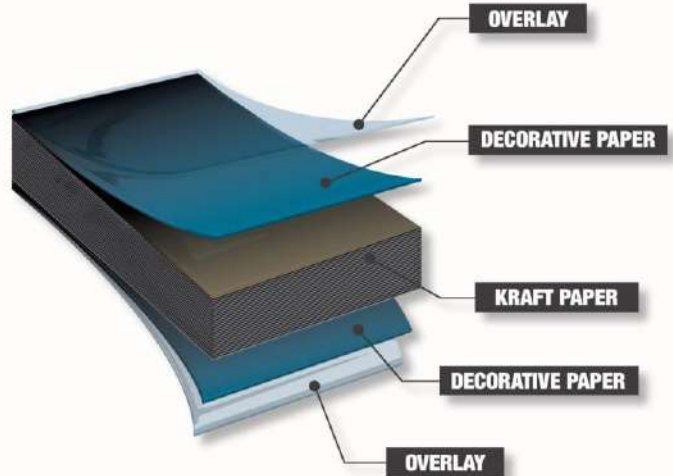


HPL CLADDING

maiCompact, sometimes known as phenolic board in the market, is determined in Part 4 of EN438 as "Classification and specifications for Compact laminates of thickness 2mm and greater". This means that maiCompact may be single or double sided, however, we would advise for double-sided decorative paper compact laminate for the panel's stability.

- EN438 Part 4
- GREENGUARD, GREENGUARD GOLD
- Singapore Green Label
- maiAnti-Bacteria
- maiAnti-Fungi
- maiFood Contact Safety
- maiTermite Resistance



Product Details:

Sizes: 1220mm x 2440mm Finish: Texture [MD], [X], [M], [LS], [G]. [MD] - Moderas, [X] - Texture, [M] - Matte [LS] - Listra, [G] - High Gloss

Thickness: 8 mm, 10 mm, 13mm

Quality Certificates:



Technical Specifications:

PROPERTIES	UNIT	TEST METHOD AS PER EN 438 PART 2 & 4:2006	SPECIFIED VALUES	TYPICAL RESULTS GREENLAM	SPECIFIED VALUES	TYPICAL RESULTS GREENLAM	SPECIFIED VALUES	TYPICAL RESULTS GREENLAM	SPECIFIED VALUES	TYPICAL RESULTS GREENLAM	SPECIFIED VALUES	TYPICAL RESULTS GREENLAM
Nominal Thickness	mm		18.0		12.0		10.0		9.0		8.0	
1 Classification		EN 438-4-4	Compact General purpose standard, CGS									
2 Thickness	mm	EN 438-2-5	18.0 ± 0.70	Complies	12.0 ± 0.50	Complies	10.0 ± 0.50	Complies	9.0 ± 0.50	Complies	8.0 ± 0.50	Complies
3 Resistance to Dry Heat at 160° C	Rating	EN 438-2-16	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5
4 Length & width	mm	EN 438-2-6	+10mm/-Nil	Complies	+10mm/-Nil	Complies	+10mm/-Nil	Complies	+10mm/-Nil	Complies	+10mm/-Nil	Complies
5 Resistance to Surface Wear, IP	Rev.	EN 438-2-10	150 (min.)	Complies	150 (min.)	Complies	150 (min.)	Complies	150 (min.)	Complies	150 (min.)	Complies
6 Resistance to Immersion in Boiling Water (2 hours)												
Mass Increase	%	EN 438-2-12	2.0 (max.)	0.20	2.0 (max.)	0.24	2.0 (max.)	0.29	2.0 (max.)	0.31	2.0 (max.)	0.39
Thickness Increase			2.0 (max.)	0.60	2.0 (max.)	0.68	2.0 (max.)	0.78	2.0 (max.)	0.84	2.0 (max.)	0.95
Appearance	Rating		Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5
7 Dimensional Stability at Elevated Temperature												
Longitudinal Direction	%	EN 438-2-17	0.30(max.)	0.06	0.30(max.)	0.08	0.30(max.)	0.10	0.30(max.)	0.11	0.30(max.)	0.12
Transverse Direction	%		0.60(max.)	0.14	0.60(max.)	0.15	0.60(max.)	0.19	0.60(max.)	0.21	0.60(max.)	0.25
8 Resistance to Impact by Large Diameter Ball												
Drop Height	mm	EN 438-2-21	1800	1900	1800	1900	1800	1900	1800	1900	1800	1900
Diameter of Indentation	mm		10 (max.)	7	10 (max.)	7	10 (max.)	8	10 (max.)	8	10 (max.)	8
9 Resistance to Scratching	N	EN 438-2-25	2.0 (min.)	2.5	2.0 (min.)	2.5	2.0 (min.)	2.5	2.0 (min.)	2.5	2.0 (min.)	2.5
10 Resistance to staining												
Group 1 & 2	Rating	EN 438-2-26	5	5	5	5	5	5	5	5	5	5
Group 3			4	≥ 4	4	≥ 4	4	≥ 4	4	≥ 4	4	≥ 4
11 Resistance to Wet heat @100°C	Rating	EN 438-2-16	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5
12 Light fastness (Xenon Arc Lamp)-Grey Scale Contrast	Rating	EN 438-2-27	4 to 5	Complies	4 to 5	Complies	4 to 5	Complies	4 to 5	Complies	4 to 5	Complies
13 Resistance to Crazing	Rating	EN 438-2-24	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5	Not worse than 4	5
14 Flexural Modulus	Mpa	EN ISO 178:2003	9000(min)	Complies	9000(min)	Complies	9000(min)	Complies	9000(min)	Complies	9000(min)	Complies
15 Flexural Strength	Mpa		80 (min.)	Complies	80 (min.)	Complies	80 (min.)	Complies	80 (min.)	Complies	80 (min.)	Complies
16 Density	g/cm3	EN ISO 1183-1:2004	1.35 (min)	1.40	1.35	1.40	1.35	1.40	1.35	1.40	1.35	1.40

Quality Certificates:



Finishes Palette

Woodgrain

MD - MODERAS
X - TEXTURE
M - MATTE
LS - LISTRA
G - HIGH GLOSS



M 30308 - MD
NILA MAPLE



M 30406 - MD
SOUSIANTE OAK



M 30410 - MD
PEPIER OAK



M 30415 - MD
BIRILA OAK



M 30417 - MD
FURRETA OAK



M 33401 - MD
CLASSICA AROMAWOOD



M 35200 - MD
NANI ULMUS



M 32704 - LS
VIVACE ZEBRANO



M 33200 - X
CARLOVA



M 31604 - M
BIBISHII BAMBOO

Colour Core



M 01597 - G
WARM WHITE



M 11200 - G
DESIGNER BLACK



M 10104 - G
CALDO RED

Disclaimer:

The full size view in this Catalogue are illustrated only for reference. These printed illustrations may be different from the actual product especially in their colour representations.

Finishes Palette

Woodgrain



606
NAYANA TEAK



1046
RECO WOOD



5018
BROOKS WALNUT



5308
RIFT OAK



5340
EBON PINE



5520
HAMPSHIRE OAK



5524
SAMARA OAK

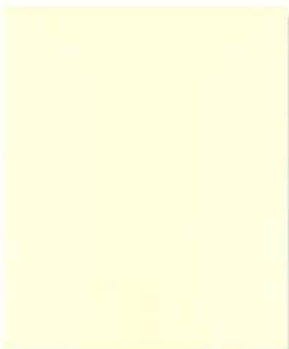


WHITE OAK



ZEBRANO

Solid Color



90124
MYSORE IVORY



90204
RED DYNASTY



90401
BLACK

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European
Standard
EN 438

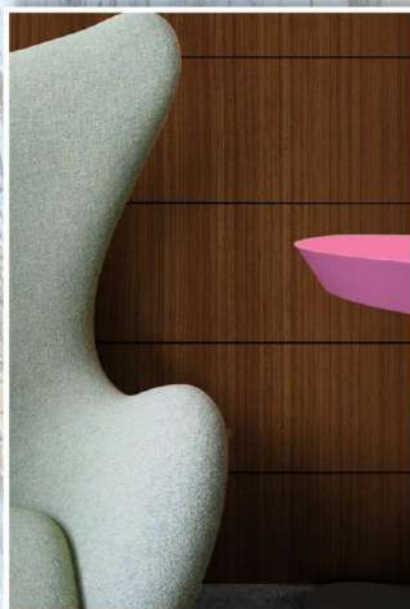


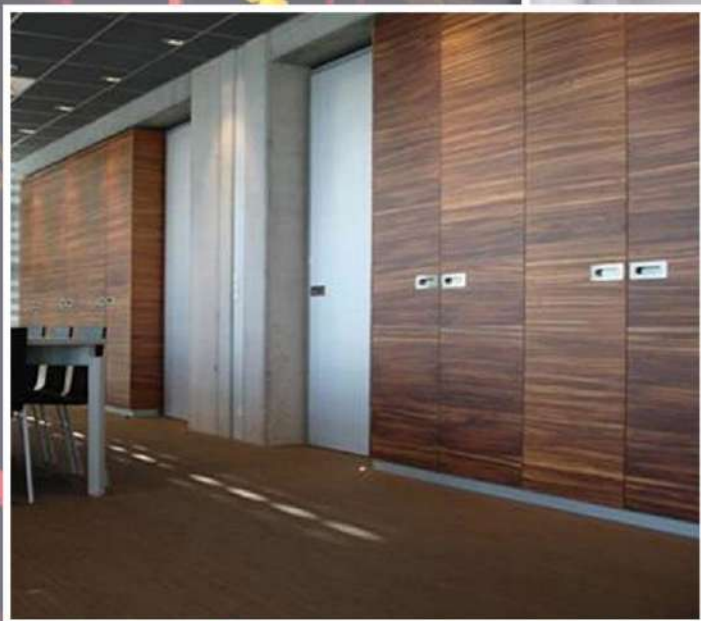
marAntis
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FUNCTIONAL

marFood
CONTACT SAFETY

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RESISTANT





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