



mai Compact

  
Emerald Collection



maica™

The Flagship of Maica  
Remarkable & Reliable

# Pioneer in Uncharted Territory



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Morphing the purposes of maiCompact

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Sharpening your sense towards nature

**10 maiPalvo**   
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**16 Clasio / Camosa**  
Raising the standard of aesthetics

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Transposing the chord of norm

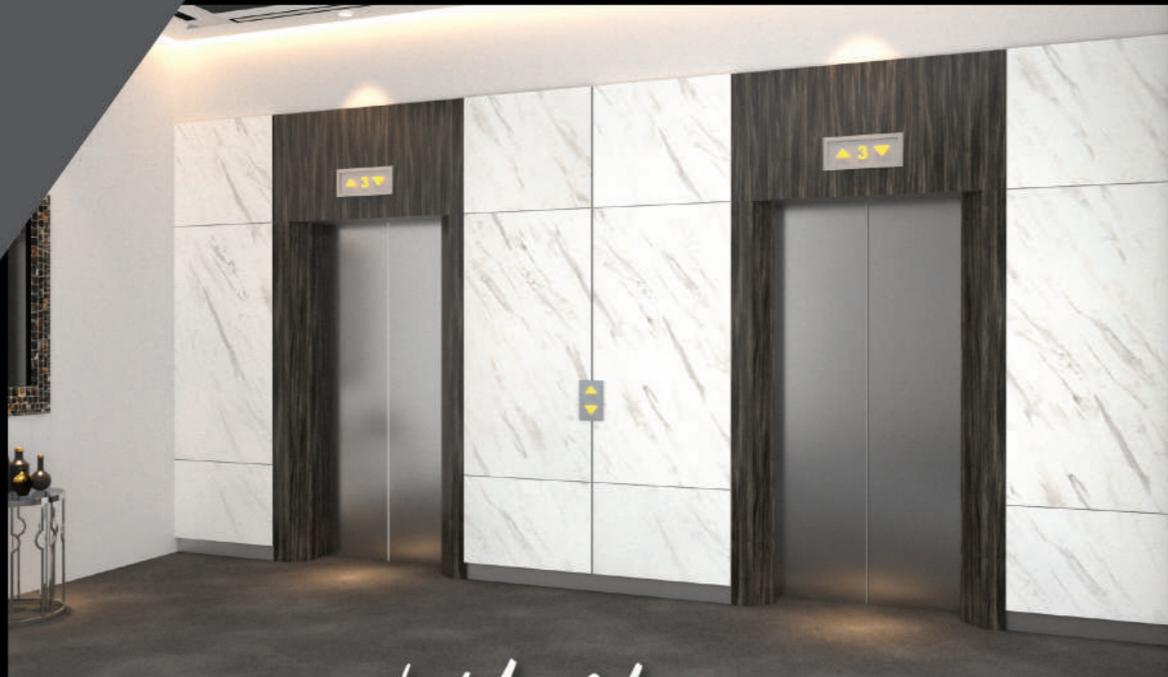
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The charm of colours

**34 maiConcept**  
Where creativity, versatility and durability come to life

# Contents

# 7 Perfect Characteristics

- ✓ High durability
- ✓ Superb aesthetic value
- ✓ Excellent mechanical strength and dimensional stability
- ✓ Water, steam, heat and wear resistance
- ✓ Non corrosive
- ✓ Great colour fastness
- ✓ Easy care



## mai™ Wall Cladding

**maiWall Cladding** is designed for creative wall panelling. As maiCompact panels form an important part of it, together with the aluminium hanging system, we assure customers of its extreme sturdiness. One can apply exciting **maiSolid Colour**, attractive **maiWoodgrain**, and the custom prints from **maiConcept** catalogue, for **maiWall Cladding**.

The green qualities of maiCompact panels, which are **maiAnti-Bacterial**, **maiAnti-Fungi** and **maiTermite Resistant**, make **maiWall Cladding** a well sought-after system for application as partition wall or wall cladding for lobby, lift lobby or corridor wall in sports centre, health care industry, public facilities, hospitality and F&B sectors.



## mai™ Locker

The high durability, mechanical strength and dimensional stability of **maiCompact** make it an absolute perfect choice for locker system. It does not only stand the test of time but also provide high aesthetic value. Furthermore, its resistance against heat, water, steam, and surface wear has helped to qualify **maiLocker** for use in health clubs, country clubs, executive washrooms, staff change rooms and health care centres. **maiLocker** can be designed flexibly to meet the requirements of customers.



## mai™ Table Top

Celebrated for its long-lastingness, surface wear resistance, coupled with easy maintenance and **maiFood Contact Safety**, it is absolutely a worthwhile investment for residential or commercial use, or F&B outlets.



mai™ TCS

Maica has decades of remarkable experience in constructing **maiToilet Cubicle System (maiTCS)** with **maiCompact** panels that are water, steam, heat and wear resistant. Maica offers 9 interesting **maiTCS Systems** that are thoughtfully designed to meet the demand of our customers. Our clientele for **maiTCS** comprises of some renowned multinational companies and manufacturing plants across Malaysia.

# Witnessing the Beauty of Distinct maiWoodgrain



Moderas - MD



M 30304 - MD  
Lavado Maple



M 35403 - MD  
Leon Hickory



M 30305 - MD  
Lavi Maple



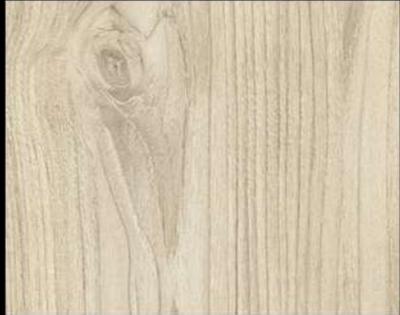
M 31203 - MD  
Dahat Teak



M 30410 - MD  
Pepier Oak



M 31206 - MD  
Pocoraro Teak



M 31205 - MD  
Mita Teak



M 30704 - MD  
Titara Pine



M 30611 - MD  
Ventata Walnut



M 30306 - MD  
Luvo Maple



M 30406 - MD  
Sousiante Oak



M 35404 - MD  
Paso Hickory



M 32803 - MD  
Missipa Chestnut



M 30411 - MD  
Avoir Oak



M 30407 - MD  
Ondala Oak



M 30612 - MD  
Melmosa Walnut



M 35201 - MD  
Moseta Ulmus



M 30609 - MD  
Holzkoh Walnut

# Superb Versatility



Moderas - MD



M 35100 - MD  
Mokosa



M 30419 - MD  
Maynard Oak



M 32007 - MD  
Diamond Salva



M 30104 - MD  
Papilla Beech



M 33102 - MD  
Fasola Olive



M 30208 - MD  
Moira Cherry



M 32402 - MD  
Attexo Ash



M 33302 - MD  
Tempo Linewood



Horizontal



M 30412 - MD  
Bourba Oak



M 31204 - MD  
Luzonia Teak



Resilience



Easy Clean



mai<sup>TM</sup> COMPACT

maiPalvo



# Easy Clean

**maiPalvo**

- Powdery touch
- Near-zero maintenance
- Trendy patterns of maiWoodgrain, maiSolid Colour, maiStone & Design and maiMarble.

**maiApplication:**

- High traffic areas
- Residential and commercial use
- Food & beverage outlets
- Sports related facilities
- Shopping malls



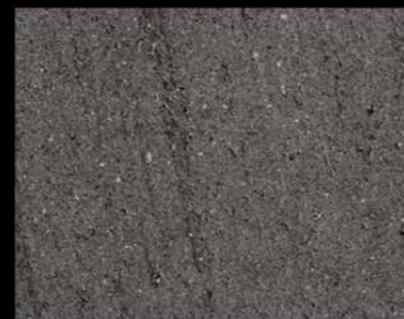
**Palvo - PV**



**M 20217 - PV**  
Borghini Marble



**M 20102 - PV**  
Albany Graphix



**M 20204 - PV**  
Raulito



**M 35403 - PV**  
Leon Hickory



**M 32007 - PV**  
Diamond Salva



**M 31206 - PV**  
Pocoraro Teak



**M 35201 - PV**  
Mosea Ulmus



**M 30609 - PV**  
Holzkoh Walnut



**M 01597 - PV**  
Warm White



**M 11101 - PV**  
4° Cool Grey

\* Please call our Sales Specialists for more information.



Fuss Free  
Maintenance



Amazingly  
Splendid



mai<sup>TM</sup>COMPACT



Clasio / Camosa



Clasio - CO



M 35403 - CO  
Leon Hickory



M 30305 - CO  
Lavi Maple



M 33302 - CO  
Tempo Linewood



M 32007 - CO  
Diamond Salva



M 35100 - CO  
Mokosa



M 31206 - CO  
Pocoraro Teak



M 30419 - CO  
Maynard Oak



M 35201 - CO  
Mosefa Ulmus



M 30609 - CO  
Holzkoh Walnut



M 30306 - CO  
Luvo Maple



M 33102 - CO  
Fasola Olive



M 35404 - CO  
Paso Hickory





# A Twist of Sophistication



Camosa - CA



 **M 35403 - CA**  
Leon Hickory  



 **M 31205 - CA**  
Mita Teak 



 **M 30611 - CA**  
Ventata Walnut 



 **M 30304 - CA**  
Lavado Maple 



 **M 30419 - CA**  
Maynard Oak  



 **M 32007 - CA**  
Diamond Salva  



 **M 30208 - CA**  
Moira Cherry 



 **M 35201 - CA**  
Moseta Ulmus 



 **M 30609 - CA**  
Holzkoh Walnut 



 **M 31206 - CA**  
Pocoraro Teak 



 **M 35404 - CA**  
Paso Hickory  

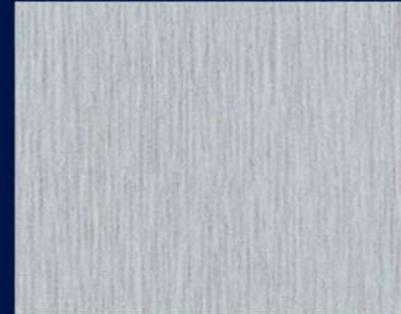
# A Touch of Class



# maiCOMPACT

maiLumi

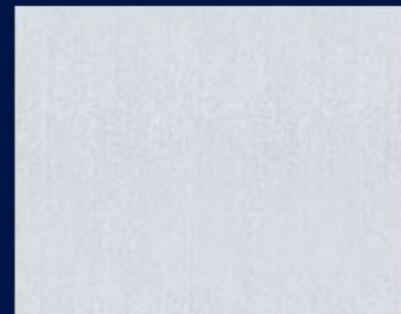
## Clasio - CO



M 20109 - CO  
Platina Silver



M 20108 - CO  
Titanium Grey



M 20106 - CO  
Starblaze Blue



M 20105 - CO  
Starblaze Lilac



# Electrifyingly Zesty



mai<sup>™</sup>COMPACT



maiShade

Texture - X



M 10802 - X  
Kabuki White



M 01597 - X  
Warm White



M 01835 - X  
Crème Beige



M 01993 - X  
Light Beige



M 01034 - X  
3° Cool Grey



M 10503 - X  
Farine Beige



M 01870 - X  
Crème Brown



M 10606 - X  
Chemin Brown



M 01871 - X  
Walnut Brown



M 10607 - X  
Agouti Brown



M 11101 - X  
4° Cool Grey



M 11100 - X  
5° Cool Grey



M 11103 - X  
Almafí Grey



M 01028 - X  
Charcoal Grey



M 11200 - X  
Designer Black



M 10201 - X  
Magnolia Yellow



M 10202 - X  
Champagne Yellow



M 10900 - X  
Green Yellow



M 10400 - X  
Autumn Orange



M 10104 - X  
Caldo Red



M 10302 - X  
Honey Pink



M 10305 - X  
Pelle Pink



M 10300 - X  
Fake Pink



M 10304 - X  
Orcha Pink



M 10701 - X  
Laite Purple



M 10909 - X  
Milky Green



M 11004 - X  
Glace Blue



M 11002 - X  
Frost Blue



M 11000 - X  
Light Petal Blue



M 11005 - X  
Ocean Blue



M 10905 - X  
Spearmint  
Green



M 11003 - X  
Coral Blue



M 10901 - X  
Army Green



M 10911 - X  
Merlyn  
Green



M 10912 - X  
Gala Green



M 10703 - X  
Vieux Purple



M 10600 - X  
Brick Red



Beyond  
CONVENTIONAL

Camosa - CA



M 11101 - CA  
4° Cool Grey



M 01870 - CA  
Crème Brown



M 01028 - CA  
Charcoal Grey



M 01871 - CA  
Walnut Brown

Clasio - CO



M 01597 - CO  
Warm White



M 11100 - CO  
5° Cool Grey



M 10104 - CO  
Caldo Red



M 11005 - CO  
Ocean Blue





mai<sup>TM</sup> Concept



mai<sup>TM</sup> Concept

Custom print maiCompact

- \* Exciting patterns from maiConcept catalogue
- \* Customised designs for ultimate uniqueness
- \* In-house printing technology
- \* Print on specialised industrial paper

**maiApplication:**

- Custom print doors / panels
- Imprint company name / logo for brand enhancement
- Table tops / reception counters
- Wall cladding / wall panels / toilet cubicle systems (maiCompact)
- Horizontal and vertical applications

**Available in:**

Size: 4' x 8'  
Finish: Moderas (MD)

# maiProduct Index



Pattern No. / Finish	Pattern Name	Page	Thickness (mm)	Size Available
<b>maiWoodgrain</b>				
M30104 - MD	Papilla Beech	PG 08	3 ~ 25	6 x 8 / 6 x 12
M30208 - CA	Moira Cherry	PG 23	3 ~ 25	6 x 8 / 6 x 12
M30208 - MD	Moira Cherry	PG 08	3 ~ 25	6 x 8 / 6 x 12
M30304 - CA	Lavado Maple	PG 22	3 ~ 25	6 x 8 / 6 x 12
M30304 - MD	Lavado Maple	PG 04	3 ~ 25	6 x 8 / 6 x 12
M30305 - CO	Lavi Maple	PG 18	3 ~ 25	6 x 8 / 6 x 12
M30305 - MD	Lavi Maple	PG 04	3 ~ 25	6 x 8 / 6 x 12
M30306 - CO	Luvo Maple	PG 19	3 ~ 25	6 x 8 / 6 x 12
M30306 - MD	Luvo Maple	PG 05	3 ~ 25	6 x 8 / 6 x 12
M30406 - MD	Sousiante Oak	PG 05	3 ~ 25	6 x 8 / 6 x 12
M30407 - MD	Ondala Oak	PG 05	3 ~ 25	6 x 8 / 6 x 12
M30410 - MD	Pepier Oak	PG 04	3 ~ 25	6 x 8 / 6 x 12
M30411 - MD	Avoir Oak	PG 05	3 ~ 25	6 x 8 / 6 x 12
M30412 - MD	Bourba Oak	PG 09	3 ~ 25	6 x 8 / 6 x 12
M30419 - CA	Maynard Oak	PG 22	3 ~ 25	6 x 8 / 6 x 12
M30419 - CO	Maynard Oak	PG 18	3 ~ 25	6 x 8 / 6 x 12
M30419 - MD	Maynard Oak	PG 08	3 ~ 25	6 x 8 / 6 x 12
M30609 - CA	Holzcoh Walnut	PG 23	3 ~ 25	6 x 8 / 6 x 12
M30609 - CO	Holzcoh Walnut	PG 18	3 ~ 25	6 x 8 / 6 x 12
M30609 - MD	Holzcoh Walnut	PG 05	3 ~ 25	6 x 8 / 6 x 12
M30611 - CA	Ventata Walnut	PG 22	3 ~ 25	6 x 8 / 6 x 12
M30611 - MD	Ventata Walnut	PG 04	3 ~ 25	6 x 8 / 6 x 12
M30612 - MD	Melmosa Walnut	PG 05	3 ~ 25	6 x 8 / 6 x 12
M30704 - MD	Titara Pine	PG 04	3 ~ 25	6 x 8 / 6 x 12
M31203 - MD	Dahat Teak	PG 04	3 ~ 25	6 x 8 / 6 x 12
M31204 - MD	Luzonia Teak	PG 09	3 ~ 25	6 x 8 / 6 x 12
M31205 - CA	Mita Teak	PG 22	3 ~ 25	6 x 8 / 6 x 12
M31205 - MD	Mita Teak	PG 04	3 ~ 25	6 x 8 / 6 x 12
M31206 - CA	Pocoraro Teak	PG 23	3 ~ 25	6 x 8 / 6 x 12
M31206 - CO	Pocoraro Teak	PG 19	3 ~ 25	6 x 8 / 6 x 12
M31206 - MD	Pocoraro Teak	PG 04	3 ~ 25	6 x 8 / 6 x 12
M32007 - CA	Diamond Salva	PG 22	3 ~ 25	6 x 8 / 6 x 12
M32007 - CO	Diamond Salva	PG 19	3 ~ 25	6 x 8 / 6 x 12
M32007 - MD	Diamond Salva	PG 08	3 ~ 25	6 x 8 / 6 x 12
M32402 - MD	Attexo Ash	PG 08	3 ~ 25	6 x 8 / 6 x 12
M32803 - MD	Missipa Chestnut	PG 05	3 ~ 25	6 x 8 / 6 x 12
M33102 - CO	Fasola Olive	PG 19	3 ~ 25	6 x 8 / 6 x 12

Pattern No. / Finish	Pattern Name	Page	Thickness (mm)	Size Available
M33102 - MD	Fasola Olive	PG 08	3 ~ 25	6 x 8 / 6 x 12
M33302 - CO	Tempo Linewood	PG 18	3 ~ 25	6 x 8 / 6 x 12
M33302 - MD	Tempo Linewood	PG 08	3 ~ 25	6 x 8 / 6 x 12
M35100 - CO	Mokosa	PG 19	3 ~ 25	6 x 8 / 6 x 12
M35100 - MD	Mokosa	PG 08	3 ~ 25	6 x 8 / 6 x 12
M35201 - CA	Moseta Ulmus	PG 23	3 ~ 25	6 x 8 / 6 x 12
M35201 - CO	Moseta Ulmus	PG 18	3 ~ 25	6 x 8 / 6 x 12
M35201 - MD	Moseta Ulmus	PG 05	3 ~ 25	6 x 8 / 6 x 12
M35403 - CA	Leon Hickory	PG 22	3 ~ 25	6 x 8 / 6 x 12
M35403 - CO	Leon Hickory	PG 18	3 ~ 25	6 x 8 / 6 x 12
M35403 - MD	Leon Hickory	PG 04	3 ~ 25	6 x 8 / 6 x 12
M35404 - CA	Paso Hickory	PG 23	3 ~ 25	6 x 8 / 6 x 12
M35404 - CO	Paso Hickory	PG 19	3 ~ 25	6 x 8 / 6 x 12
M35404 - MD	Paso Hickory	PG 05	3 ~ 25	6 x 8 / 6 x 12



**maiSolid Colour / maiStone & Design / maiMarble / maiWoodgrain**

M01597 - PV	Warm White	PG 13	3 ~ 25	6 x 8 / 6 x 12
M11101 - PV	4 Degree Cool Grey	PG 13	3 ~ 25	6 x 8 / 6 x 12
M20102 - PV	Albany Graphix	PG 12	3 ~ 25	6 x 8 / 6 x 12
M20204 - PV	Raulito	PG 12	3 ~ 25	6 x 8 / 6 x 12
M20217 - PV	Borghini Marble	PG 12	3 ~ 25	6 x 8 / 6 x 12
M30609 - PV	Holzcoh Walnut	PG 13	3 ~ 25	6 x 8 / 6 x 12
M31206 - PV	Pocoraro Teak	PG 12	3 ~ 25	6 x 8 / 6 x 12
M32007 - PV	Diamond Salva	PG 12	3 ~ 25	6 x 8 / 6 x 12
M35201 - PV	Moseta Ulmus	PG 13	3 ~ 25	6 x 8 / 6 x 12
M35403 - PV	Leon Hickory	PG 12	3 ~ 25	6 x 8 / 6 x 12

**maiLumi**

M20105 - CO	Starblaze Lilac	PG 25	3 ~ 25	6 x 8 / 6 x 12
M20106 - CO	Starblaze Blue	PG 25	3 ~ 25	6 x 8 / 6 x 12
M20108 - CO	Titanium Grey	PG 25	3 ~ 25	6 x 8 / 6 x 12
M20109 - CO	Platina Silver	PG 25	3 ~ 25	6 x 8 / 6 x 12

Pattern No. / Finish	Pattern Name	Page	Thickness (mm)	Size Available
<b>maiSolid Colour</b>				
M01028 - CA	Charcoal Grey	PG 32	3 ~ 25	6 x 8 / 6 x 12
M01028 - X	Charcoal Grey	PG 28	3 ~ 25	6 x 8 / 6 x 12
M01034 - X	3 Degree Cool Grey	PG 28	3 ~ 25	6 x 8 / 6 x 12
M01597 - CO	Warm White	PG 33	3 ~ 25	6 x 8 / 6 x 12
M01597 - X	Warm White	PG 28	3 ~ 25	6 x 8 / 6 x 12
M01835 - X	Crème Beige	PG 28	3 ~ 25	6 x 8 / 6 x 12
M01870 - CA	Crème Brown	PG 32	3 ~ 25	6 x 8 / 6 x 12
M01870 - X	Crème Brown	PG 28	3 ~ 25	6 x 8 / 6 x 12
M01871 - CA	Walnut Brown	PG 32	3 ~ 25	6 x 8 / 6 x 12
M01871 - X	Walnut Brown	PG 28	3 ~ 25	6 x 8 / 6 x 12
M01993 - X	Light Beige	PG 28	3 ~ 25	6 x 8 / 6 x 12
M10104 - CO	Caldo Red	PG 33	3 ~ 25	6 x 8 / 6 x 12
M10104 - X	Caldo Red	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10201 - X	Magnolia Yellow	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10202 - X	Champagne Yellow	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10300 - X	Fake Pink	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10302 - X	Honey Pink	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10304 - X	Orcha Pink	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10305 - X	Pelle Pink	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10400 - X	Autumn Orange	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10503 - X	Farine Beige	PG 28	3 ~ 25	6 x 8 / 6 x 12
M10600 - X	Brick Red	PG 30	3 ~ 25	6 x 8 / 6 x 12
M10606 - X	Chemin Brown	PG 28	3 ~ 25	6 x 8 / 6 x 12
M10607 - X	Agouti Brown	PG 28	3 ~ 25	6 x 8 / 6 x 12
M10701 - X	Laité Purple	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10703 - X	Vieux Purple	PG 30	3 ~ 25	6 x 8 / 6 x 12
M10802 - X	Kabuki White	PG 28	3 ~ 25	6 x 8 / 6 x 12
M10900 - X	Green Yellow	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10901 - X	Army Green	PG 30	3 ~ 25	6 x 8 / 6 x 12
M10905 - X	Spearmint Green	PG 30	3 ~ 25	6 x 8 / 6 x 12
M10909 - X	Milky Green	PG 29	3 ~ 25	6 x 8 / 6 x 12
M10911 - X	Merlyn Green	PG 30	3 ~ 25	6 x 8 / 6 x 12
M10912 - X	Gala Green	PG 30	3 ~ 25	6 x 8 / 6 x 12
M11000 - X	Light Petal Blue	PG 29	3 ~ 25	6 x 8 / 6 x 12
M11002 - X	Frost Blue	PG 29	3 ~ 25	6 x 8 / 6 x 12
M11003 - X	Coral Blue	PG 30	3 ~ 25	6 x 8 / 6 x 12
M11004 - X	Glance Blue	PG 29	3 ~ 25	6 x 8 / 6 x 12

Pattern No. / Finish	Pattern Name	Page	Thickness (mm)	Size Available
M11005 - CO	Ocean Blue	PG 33	3 ~ 25	6 x 8 / 6 x 12
M11005 - X	Ocean Blue	PG 29	3 ~ 25	6 x 8 / 6 x 12
M11100 - CO	5 Degree Cool Grey	PG 33	3 ~ 25	6 x 8 / 6 x 12
M11100 - X	5 Degree Cool Grey	PG 28	3 ~ 25	6 x 8 / 6 x 12
M11101 - CA	4 Degree Cool Grey	PG 32	3 ~ 25	6 x 8 / 6 x 12
M11101 - X	4 Degree Cool Grey	PG 28	3 ~ 25	6 x 8 / 6 x 12
M11103 - X	Almafi Grey	PG 28	3 ~ 25	6 x 8 / 6 x 12
M11200 - X	Designer Black	PG 28	3 ~ 25	6 x 8 / 6 x 12

maiFinishes Codes & Names	
CA - Camosa	PV - Palvo
CO - Clasio	X - Texture
MD - Moderas	



The passion of Maica goes beyond manufacturing High Pressure Decorative Laminate (HPL) and Compact Laminates. In compliance with the European Standard EN 438, product quality is indisputably its primary focus. Notwithstanding, Green Manufacturing and Green Products have a very special place in the heart of Maica.

Maica is committed to manufacture environmental-friendly products with the use of sustainable raw materials. The use of kraft papers that are made of virgin pulps from non-virgin plantations / forestry has earned Maica the Singapore Green Label for the 'Made from Renewable / Sustainable Materials' category.

In addition, Maica's products are certified for GREENGUARD and GREENGUARD GOLD, the proofs of low chemical emissions that warrant healthy indoor air quality.

Moreover, Maica has secured MyHIJAU for its maiLaminate and maiCompact and that they are accorded with certain Green Building Index (GBI) credit points that come with tax benefits.

Since 2015, Maica has obtained FSC Chain of Custody (CoC) certificate with FSC™ License Code of FSC™ C126725. Maica is ready to produce FSC Mix label maiLaminate and maiCompact upon request by customers.



Our products also carry a combination of the following maiQualities



European Standard  
**EN 438**





#### maiAnti-Bacterial

- Maica Laminates makes silver-ion antimicrobial technology a standard requirement for most of our laminate products.
- Our products are tested based on JIS Z2801:2012 for 5 types of bacteria: *Escherichia coli*, *Pseudomonas aeruginosa*, *Salmonella choleraesuis*, *Staphylococcus aureus* and *Methicillin-resistant Staphylococcus aureus*.
- It also reduces the level of microbes responsible for surface degradation and other associated issues, such as foul odour.
- Regular cleaning is required as part of the maintenance for the products as oil and dirt may undermine silver-ion technology from inhibiting the growth of bacteria and fungi.



#### maiAnti-Fungi

- Tested based on the ASTM G21 standard.
- Fungi tested: *Aspergillus niger*, *Penicillium pinophilum*, *Chaetomium globosum*, *Gliocladium virens* and *Aureobasidium pullulans*.



#### maiFood Contact Safety

- Our laminates products are certified by ISEGA, a laboratory in Germany, to be safe for use for food preparation and treatment on the basis that hygiene regulations are not violated.



#### maiTermite Resistant

- maiTermite Resistant for maiCompact is tested by Forest Research Institute Malaysia (FRIM). Resistance against Subterranean termites, the most dangerous termite for buildings.

## Product Specification

Based on European Standard EN 438

Property	Test method (EN 438-2: 2005, clause no.)	Property or attribute	Unit (min. or max.)		EN 438 Values HGS
Resistance to Surface Wear	10	Wear Resistance	Revolutions (min.)	Initial point Wear value	150 350
Resistance to Impact by Large Diameter Ball	21	Drop Height <sup>a)</sup>	mm (min.)	2mm ≤ t < 6mm 6mm ≤ t (t = nominal thickness)	1400 1800
Resistance to Scratching	25	Force	Rating (min.)	Smooth finishes Textured finishes	2 3
Resistance to Dry Heat (180°C)	16	Appearance	Rating (min.)	Gloss finish Other finishes	3 4
Resistance to Wet Heat (100°C)	EN12721	Appearance	Rating (min.)	Gloss finish Other finishes	3 4
Resistance to Immersion in Boiling Water	12	Mass increase	% (max.)	2 mm ≤ t < 5 mm t ≥ 5 mm	5.0 2.0
		Thickness Increase	% (max.)	2 mm ≤ t < 5 mm t ≥ 5 mm (t = nominal thickness)	6.0 2.0
		Appearance	Rating (min.)	Gloss finish Other finishes	3 4
Dimensional Stability at Elevated Temperature	17	Cumulative Dimensional Change	% (max)	2 mm ≤ t < 5 mm L <sup>b)</sup>	0.40
				2 mm ≤ t < 5 mm T <sup>c)</sup>	0.80
				t ≥ 5 mm L	0.30
				t ≥ 5 mm T	0.60
				(t = nominal thickness)	
Resistance to Staining	26	Appearance	Rating (min.)	Groups 1 & 2 Group 3	5 4
Lightfastness (Xenon Arc)	27	Contrast	Grey scale rating		4 to 5
Resistance to Water Vapour	14	Appearance	Rating (min.)	Gloss finish Other finishes	3 4
Resistance to Cigarette Burns	30	Appearance	Rating (min.)		3
Resistance to Crazing	24	Appearance	Grade (min.)		4
Flexural Modulus	EN ISO 178 <sup>d)</sup>	Stress	Mpa (min.)		9000
Flexural Strength	EN ISO 178 <sup>d)</sup>	Stress	Mpa (min.)		80
Tensile Strength	EN ISO 527 <sup>e)</sup>	Stress	Mpa (min.)		60
Density	EN ISO 1183	Density	kg/m3 (min.)		1350

<sup>a)</sup> When tested at the specified drop height, the diameter of indentation shall not exceed 10 mm.

<sup>b)</sup> L = in the longitudinal (or machine) direction of the fibrous sheet material (normally the direction of the longest dimension of the laminate).

<sup>c)</sup> T = in the cross-longitudinal (cross-machine) direction of the fibrous sheet material (at right angles to direction L).

<sup>d)</sup> Machine crosshead speed 2 mm/min

<sup>e)</sup> Specimen type 1A. Machine crosshead speed 5mm/min

Maica Laminates Sdn Bhd declares that the mentioned product will meet the above specifications when determined according to the given standards.

## Maintenance & Cleaning Instructions

### General Cleaning Instructions:

1. Use a clean, damp, non-abrasive cloth and mild soap, non-bleach or household cleaner.
2. Rinse with clear water, using a clean, non-abrasive cotton cloth.
3. Avoid flooding laminate particularly areas near to seams to prevent water from seeping in and consequently causing substrate to swell.
4. Dry laminate surface with a soft, clean, non-abrasive cotton cloth.

### For Stubborn Stains:

1. Food stains: Use a mild cleaner, detergent or general purpose cleaner, and a short, soft nylon-bristled brush to gently clean stains.
2. Ink stains: Remove stains immediately, using detergent or glass spray cleaner. Allow cleaner to remain on the stain for several minutes and then blot with a damp cloth before rinse.
3. Solvents such as denatured alcohol, nail polish remover or paint thinner can be used sparingly for very stubborn stains.

*Caution: Excessive use of solvents will damage the laminate finish and cause it more susceptible to stains. Do not use cleaning agents containing acid, alkaline or sodium hypochlorite on laminate surface to avoid corrosion or permanent discolouration.*

### To prolong the lifespan of Maica's laminate surface:

- Do not use laminate surface as a cutting or chopping surface.
- Always remove stains or marks immediately before they set. Once set, they require more aggressive cleaning procedures that may damage laminate surface.
- Place a trivet, insulated hot pad or other protective padding beneath all hot cookware, heat generating appliances or other heated objects instead of putting it directly on laminate surface.
- Do not use steel wool or abrasive pads on laminate surface, and do not place steel wools on it to avoid metal rust stains.
- Do not slide ceramics and abrasive objects across laminate surface as they may cause scratch and premature wear.
- Do not use acidic or abrasive cleaning agents on laminate surface as it may damage surface.
- Do not allow contact between any materials or items contaminated with acidic or abrasive cleaning agents and laminate surface.

### Disclaimer

- The samples and products of Maica are manufactured with certain tolerances. They may not originate from the same batch of production. Pigment variation and angle of observation may influence the colour of products. For accurate representation, customers are advised to request samples from our Sales Specialists.
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### International Sales Enquiries

#### MAICA LAMINATES SDN BHD (107254-D)

5100, Lorong Mak Mandin 5, Mak Mandin Industrial Estate,  
13400 Butterworth, Penang, Malaysia.  
T : +604 - 332 7436 / 332 7437 / 332 7439 / 332 7440  
F : +604 - 332 6570 (Marketing) / 332 4045 (General)  
E : marketing@maica.com.my

### Sales & Distribution (Malaysia)

#### maiHotline

T : +6016 - 416 5687 / +604 - 332 7436  
E : kringkring@maica.com.my

#### MAICA CORPORATION SDN BHD (90632-U)

##### Administration Office, Penang

5100, Lorong Mak Mandin 5, Mak Mandin Industrial Estate,  
13400 Butterworth, Penang.  
T : +604 - 324 1436 / 324 5436  
F : +604 - 324 9405  
E : mchq@maicacorp.com

##### Butterworth, Penang

902, Jalan Bagan Ajam, Taman Zamrud,  
13000 Butterworth, Penang.  
T : +604 - 332 7200 / 332 7201  
F : +604 - 331 8258  
E : maicabtw@maicacorp.com

##### Petaling Jaya, Selangor

No. 25 & 27, Jalan PJS 7/21, Bandar Sunway,  
46150 Petaling Jaya, Selangor.  
T : +603 - 5631 5868 (Hotline)  
F : +603 - 5631 5889 (General) /  
+603 - 5638 3213 (Customer Service)  
E : maicapj@maicacorp.com

##### Johor Bahru, Johor

No. 31 & 33, Jalan Mutiara Emas 5/23, Taman Mount Austin,  
81100 Johor Bahru, Johor.  
T : +607 - 354 0011 / 353 6185  
F : +607 - 353 6187 / 351 1905  
E : maicajb@maicacorp.com

##### Kota Kinabalu, Sabah

No. 2A, Lot 22, Industry E33 Likas, Mile 2 1/2, Jalan Tuaran Likas,  
88400 Kota Kinabalu, Sabah.  
T : +6088 - 278 897 / 278 898  
F : +6088 - 278 808  
E : maicasbh@maicacorp.com

##### Kuching, Sarawak

Lot 128 - 130, Vista Industrial Park, Jalan Muara Tabuan,  
93350 Kuching, Sarawak.  
T : +6082 - 481 012 / 481 013  
F : +6082 - 482 009  
E : maicaswk@maicacorp.com



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