



Uniq Design For Your
Personal Taste



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Fostering affinity with nature

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Curating the best from the East and West

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Where joy and fun can be inaudibly loud

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FLORA & FAUNA

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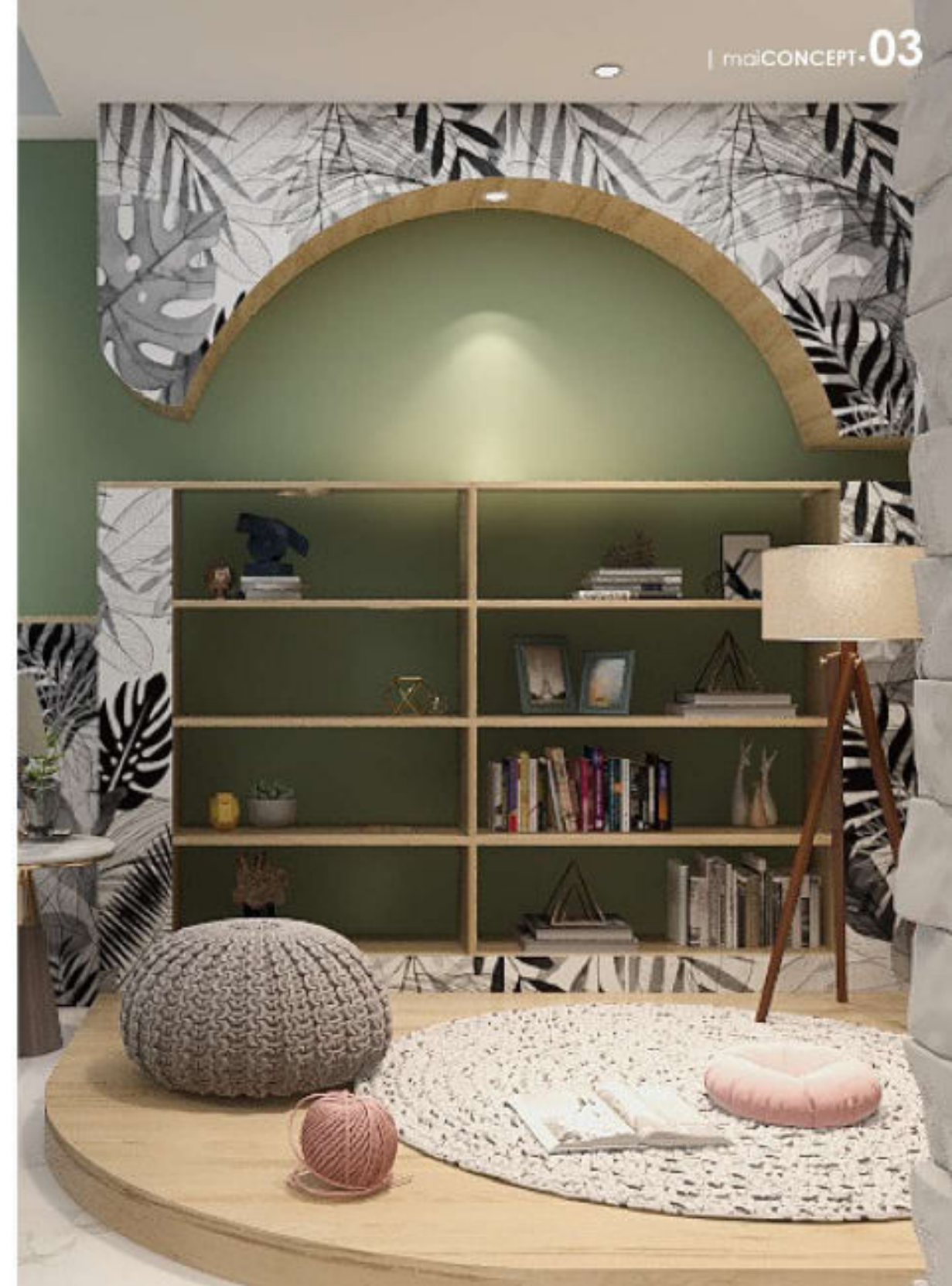




mai210012 Hojas



Modern Botanic





Though unheard, the nature sings the notes of our hearts and articulates our wishes and dreams in its splendour.





mai210016 Prairie

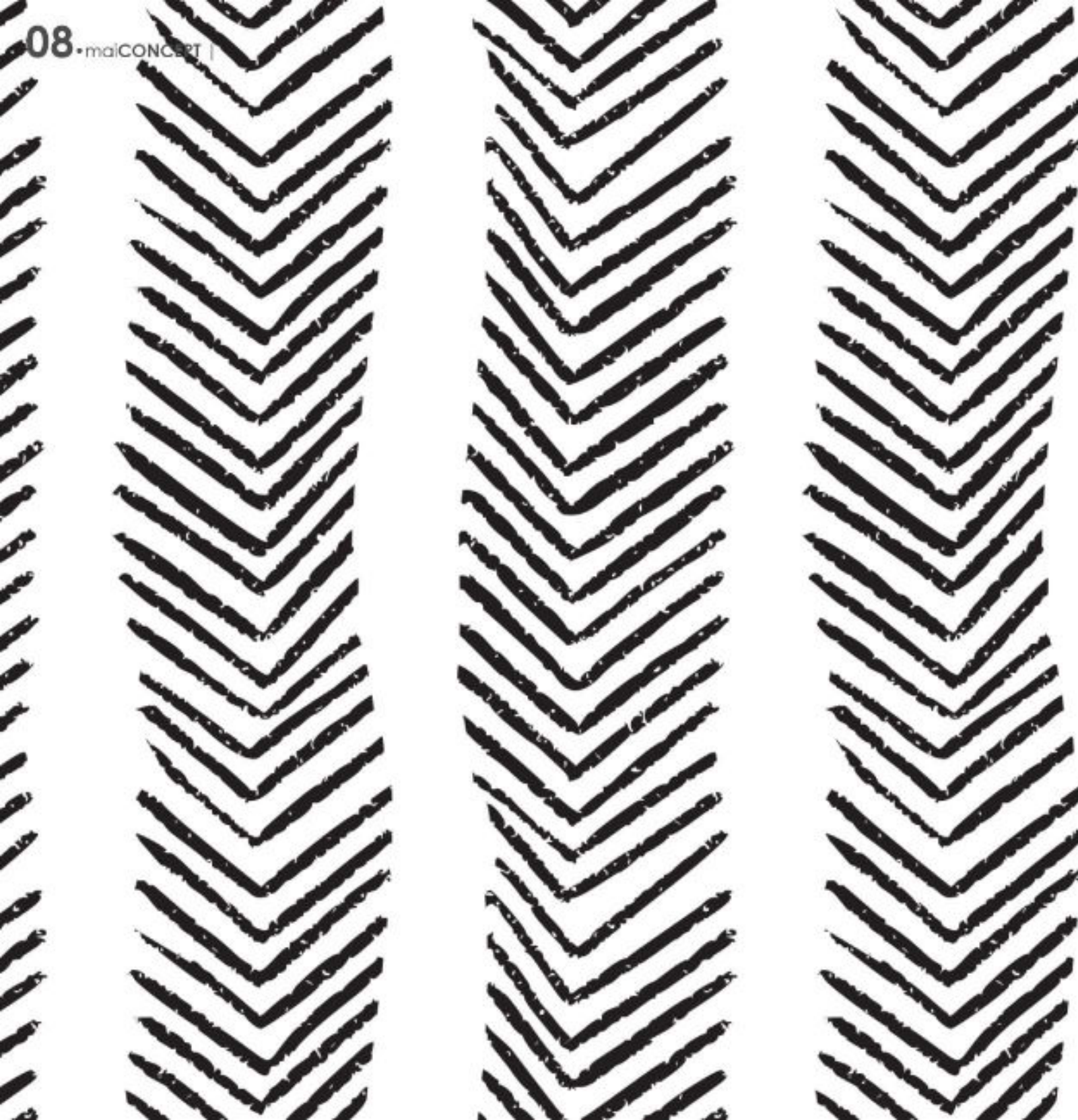


Vitality

The creation of nature is
our best gift.

It is refreshing!





mai210002 Patrón de Rosca

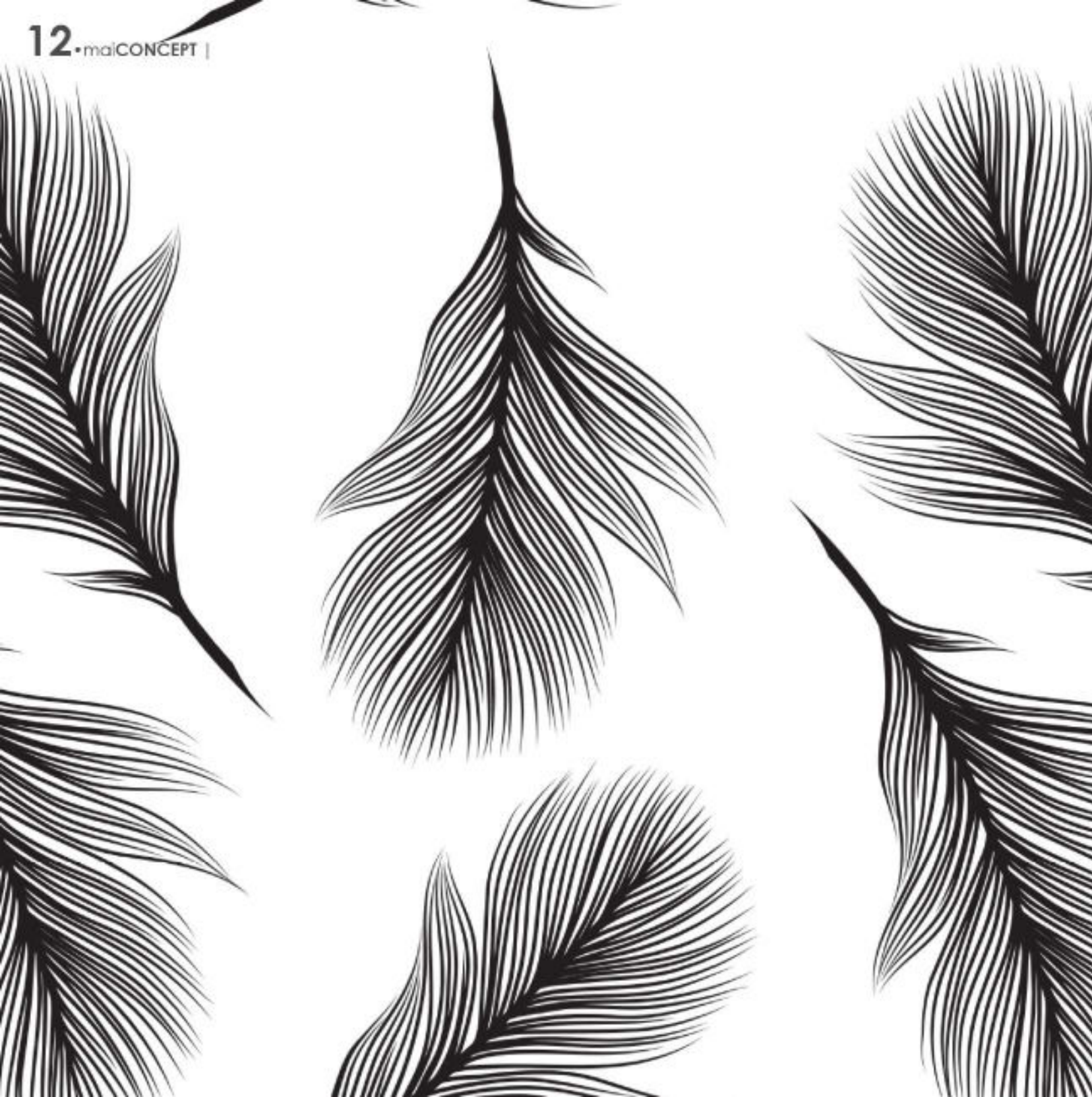


Just as eminent.



Simplicity





mai210001 Leaf Art





Tropical Lux

Come what may, it is now possible to take the creation of nature home with Flora and Fauna Series.



mai210015 Meadow





Evoking the aromatic scent of the heart. Fragrance



mai210003 Tropical la Flora







mai210013 Abstracto Pradera



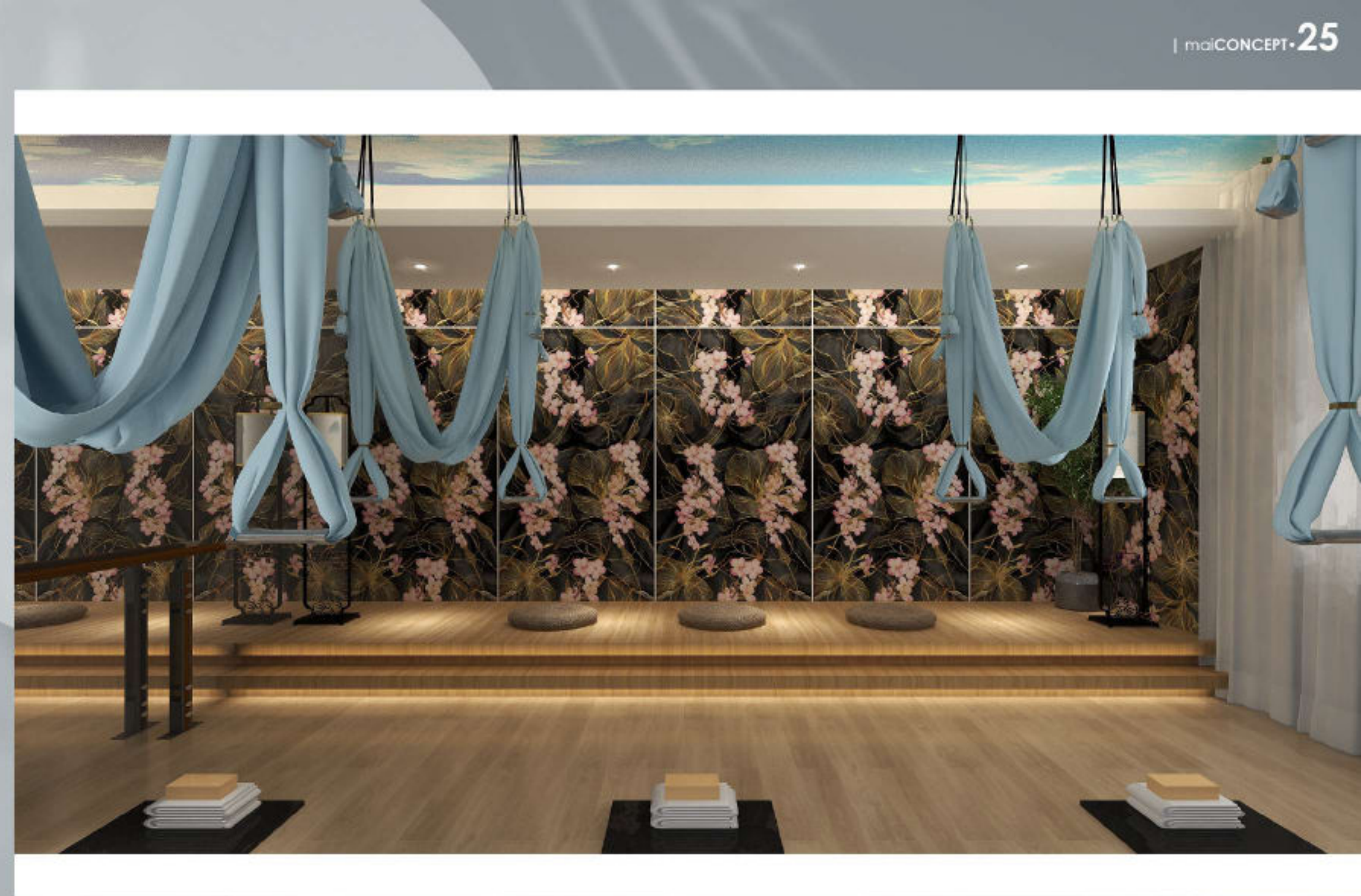
On a wide landscape, nature is likened an orchestral arrangement with instruments made of the display of trees and leaves of various shapes and sizes, and then dotted with amazingly vibrant colours of plants and flowers.

Glory





mai210014 Mystique



CLASSICAL & ORIENTAL



Following the heart of the beholder, selection can be made from the Classical or the Oriental for the right art piece to land in home.

Classical

Genre flourishes.

Creativity is infinite and limitless. Its expressions are usually shaped by cultural values and contexts that are again juxtaposed with time. Thus, the variations within the same branch of arts can be awe-inspiring.





mai210017 Heavenly Un



mai210018 Heavenly Deux



mai210019 Heavenly Trois



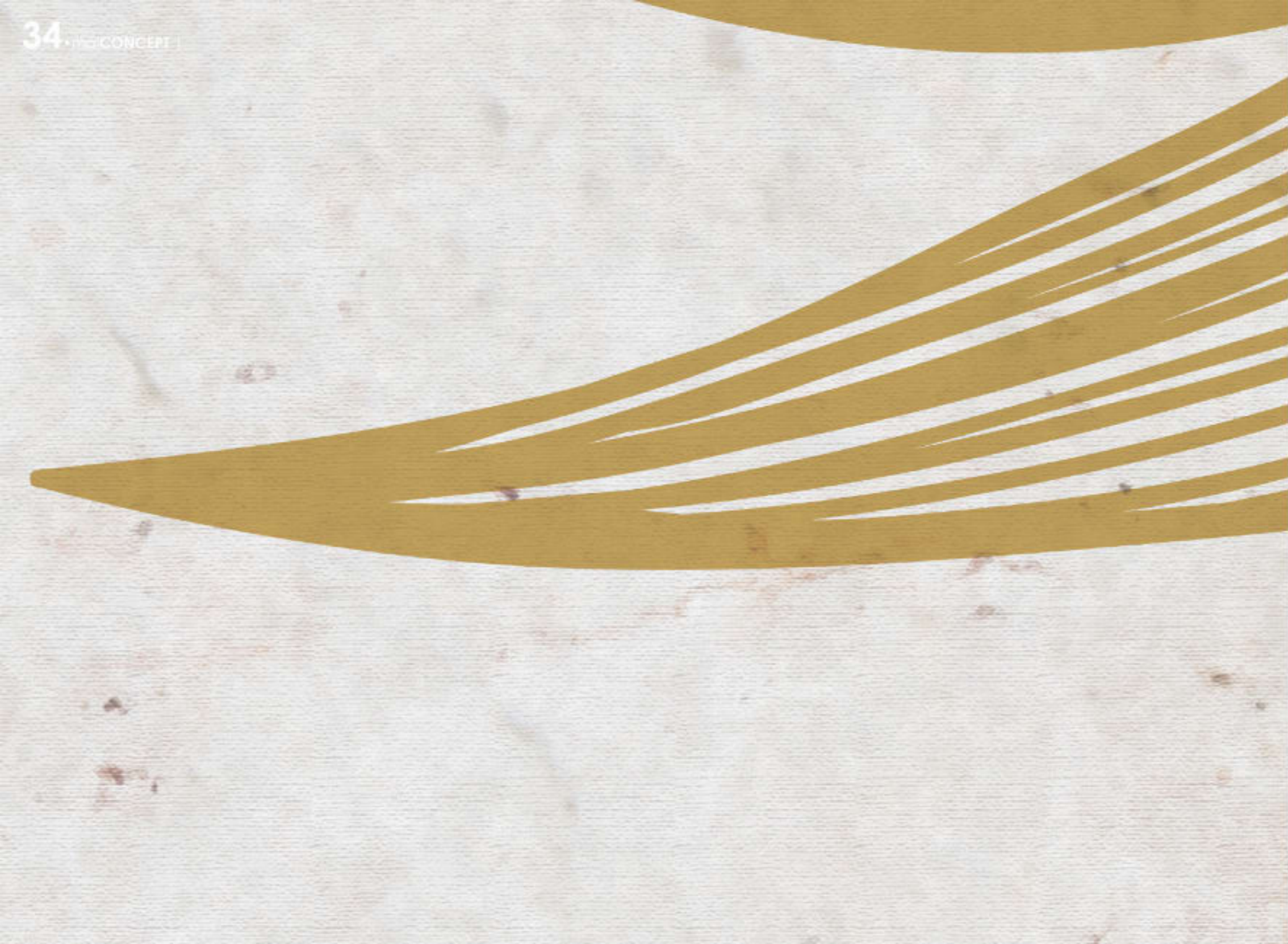


mai210017 Heavenly Un



Touch of Opulence

In a simplistic manner.



mai210018 Heavenly Deux



A touch of paradise.

Un

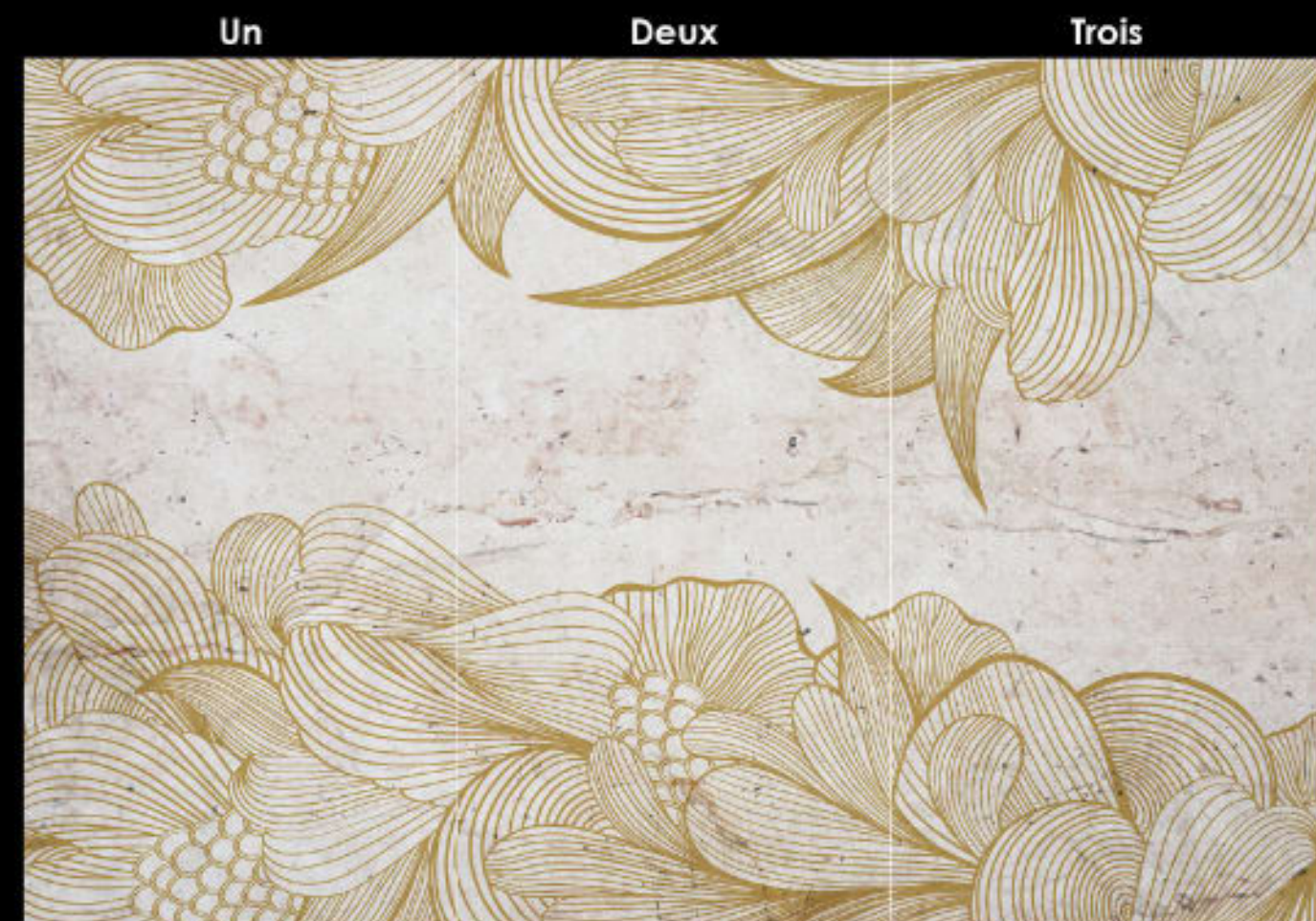


Deux



Trois





mai210017
Heavenly Un



mai210018
Heavenly Deux



mai210019
Heavenly Trois



mai210019 Heavenly Trois



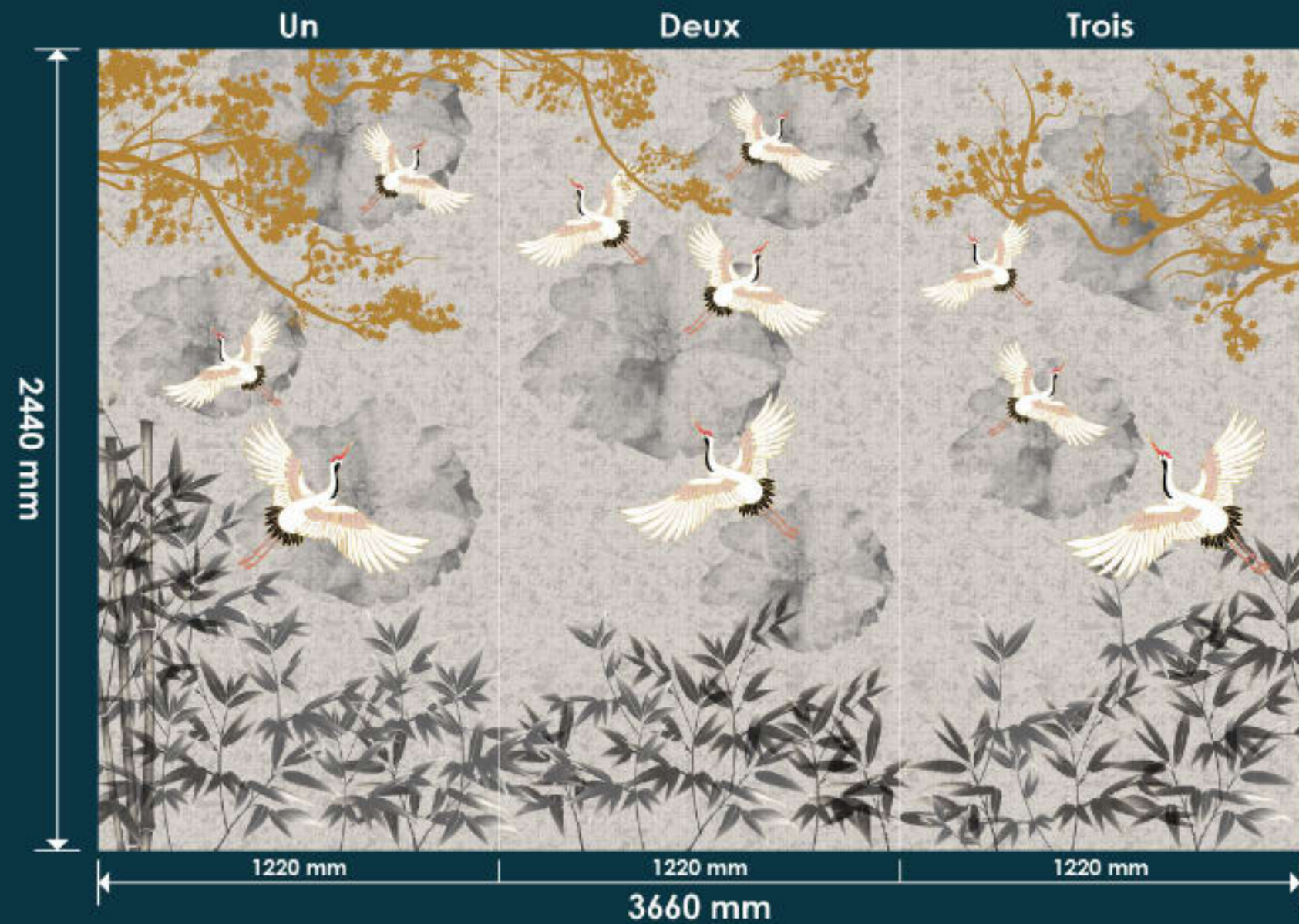


Oriental

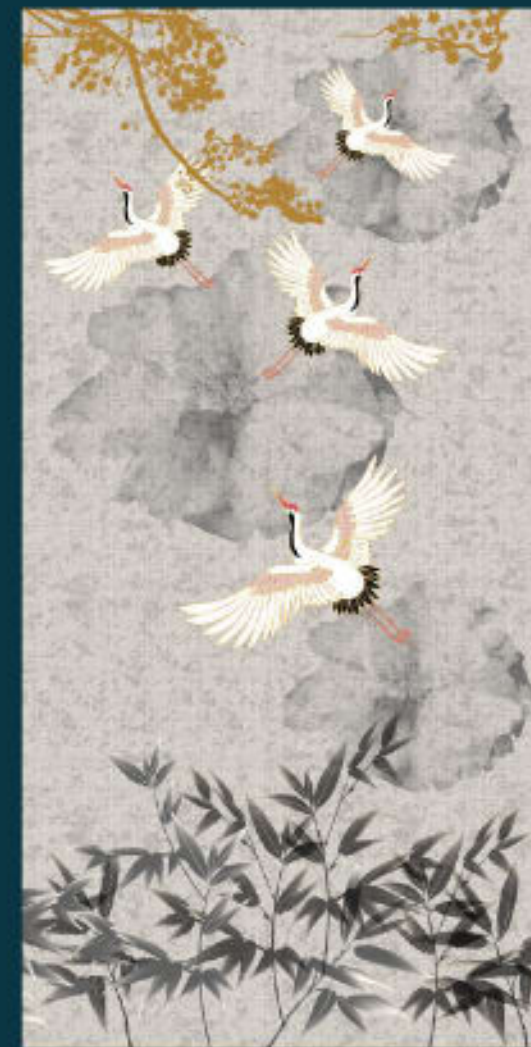
Charm abounds.

Be it a master art piece, a structure, or a sculpture, the story behind it can always be loud and crisp. They can hardly go unrecognisable and unnoticed.





mai210020 Oriental Art Un



mai210021 Oriental Art Deux



mai210022 Oriental Art Trois





Eastern gem.
Ever uplifting.

mai210020 Oriental Art Un





Un

Deux

Trois



mai210020
Oriental Art Un



mai210021
Oriental Art
Deux



mai210022
Oriental Art
Trois



mai210021 Oriental Art Deux



Un



Deux



Trois



A journey to the East.



mai210022 Oriental Art Trois



Modern Classical





mai210006 Mosaico en Textil





Tasteful Retro

mai210005 Mosaico en Baldosas



WONDERLAND

Oftentimes, we are amused and amazed by the wonders in children's mind. Their wonders originate from the world they live in, funnily, animals, woods, fish, oceans, toys, universe and galaxy!

mai[™]CONCEPT

Moderas





mai210007 Pingüinos Alegría



Faithful Companion





Fascinatingly, the innocence and simplicity, coupled with a mind of curiosity, always either take us back in time or usher us into the unknown future. Yet, they are thrilling and certainly endearing!





mai210008 Ballena Alegría



Sheer Joy

Don't we all mesmerise from
time to time the childhood days
where laughter and playtime
never cease?



mai210009 Invernal Bosque



Woods





mai210010 Otoñal Bosque



Good Fun





Grab a print from Wonderland. They are not only for the young but for the old too.

paradise



mai210011 Panda Alegria



mai SUSTAINABLE Lifestyle



The passion of Malca 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 Malca.

Malca 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 Malca the Singapore Green Label for the 'Made from Renewable / Sustainable Materials' category.

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

Moreover, Malca has secured MyHIAU 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, Malca has obtained FSC Chain of Custody (CoC) certificate with FSC™ license Code of FSC™ C126725. Malca 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



maiCompliance



maiAnti-Bacterial

- Malca 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*, *Glaciadium 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.

Property	Property or attribute	Unit (min. or max.)	EN 438 Values	
Resistance to Surface Wear	Wear Resistance	Revolutions (min.) Initial point Wear value	150 350	
Resistance to Impact by Small Diameter Ball	Spring Force	N (min.)	20	
Resistance to Impact by Large Diameter Ball	Drop Height Indent Diameter	mm (min.) mm (max.)	800 10	
Resistance to Scratching	Force	Rating (min.)	3	
Dimensional Stability at Elevated Temperature	Cumulative Dimensional Change	% (max.)	L a) T b)	0.75 1.25
Resistance to Dry Heat [180°C]	Appearance	Rating (min.) Gloss finish Other finishes	3 4	
Resistance to Wet Heat [100°C]	Appearance	Rating (min.) Gloss Finish Other finishes	3 4	
Resistance to Staining	Appearance	Rating (min.) Groups 1 & 2 Group 3	5 4	
Lightfastness (Xenon Arc)	Contrast	Grey scale rating	4 to 5	
Resistance to Water Vapour	Appearance	Rating (min.) Gloss finish Other finishes	3 4	
Resistance to Cigarette Burns	Appearance	Rating (min.)	3	
Resistance to Cracking Under Stress	Appearance	Rating (min.)	4	
Density	Density	kg/m ³ (min.)	1350	

a) L = in the longitudinal (or machine) direction of the fibrous sheet material (normally the direction of the longest dimension of the laminate).

b) T = in the cross-longitudinal (cross-machine) direction of the fibrous sheet material (at right angles to direction L).

c) The above is a general Product Specification. Please contact our Sales Specialists for specific Product Specification.

Property	Property or attribute	Unit (min. or max.)	NEMA Values
Boiling Water Resistance	Rating	NE (no effect)	NE

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.
- Sample chips in this catalogue are intended for viewing purpose only. For product tests, please request for actual product samples.
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