

TREND SETTER
decors

the symbol of
Exclusive Laminate

RAYLAM[™]
LAMINATE



RAYLAM[®]
LAMINATE

RAYLAM[™]
LAMINATE

TREND SETTER
decors

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creative laminate
**hex
gen.**
INTERIOR



RAYLAMTM
— LAMINATE —



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about us

The Group... with an instinct to excel

RAYLAM Laminates was born as an offshoot of RAYLAM Laminates. Carrying forward the same legacy of trust, quality and advancement backed innovation from the parent company.

RAYLAM Laminate has created its own unique identity in the laminate industry.

Innovative Ideas
Courage to dream
Passion for perfection

...has lead RAYLAM on the path of success where the company is surging ahead adding more clients and setting new milestones. As an aspiring and emerging name in high pressure laminate industry RAYLAM offers a gamut of strikingly beautiful designs that makes unique lifestyle.

A world full of vibrancy and lives creates by latest trends, patterns, shades and finishes.

Vision

To be recognized as the leading, most trusted & ethically practicing brand in the interior decor industry with widest range of highest quality products satisfying discerning customer needs.

Mission

To stay focused on...

Customers by earning their loyalty, serving them diligently, understanding their needs and creating values in their eyes. Products or Services by offering most comprehensive and complete range of solutions sufficing the need for comfort, beauty and elegance of the interiors ranging from homes to offices.

Markets by understanding changing market trends and developing and ability to adapt to them.

Technology by showing adherence to advancement as well as keeping abreast with transforming technologies. Concern for survival, Growth and Profitability by conducting operations prudently and providing the profits and growth assuring Raylam's ultimate success.

Working Philosophy by operating at the highest level of ethics with each and every person associated with Optus.

Corporate Image by being a socially, ecologically and environmentally conscious company. Employee Welfare by providing opportunities for growth, superior leadership and a high degree of security to our employee.



creative laminate
hex
gen.
INTERIOR

STRENGTH
and
DESIGN *at one place*



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the E Catalogue

DUCO FINISH

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5014 - DUC ★

04



9.5" x 13.5" inch

5013 - DUC ★

African Avodire

05

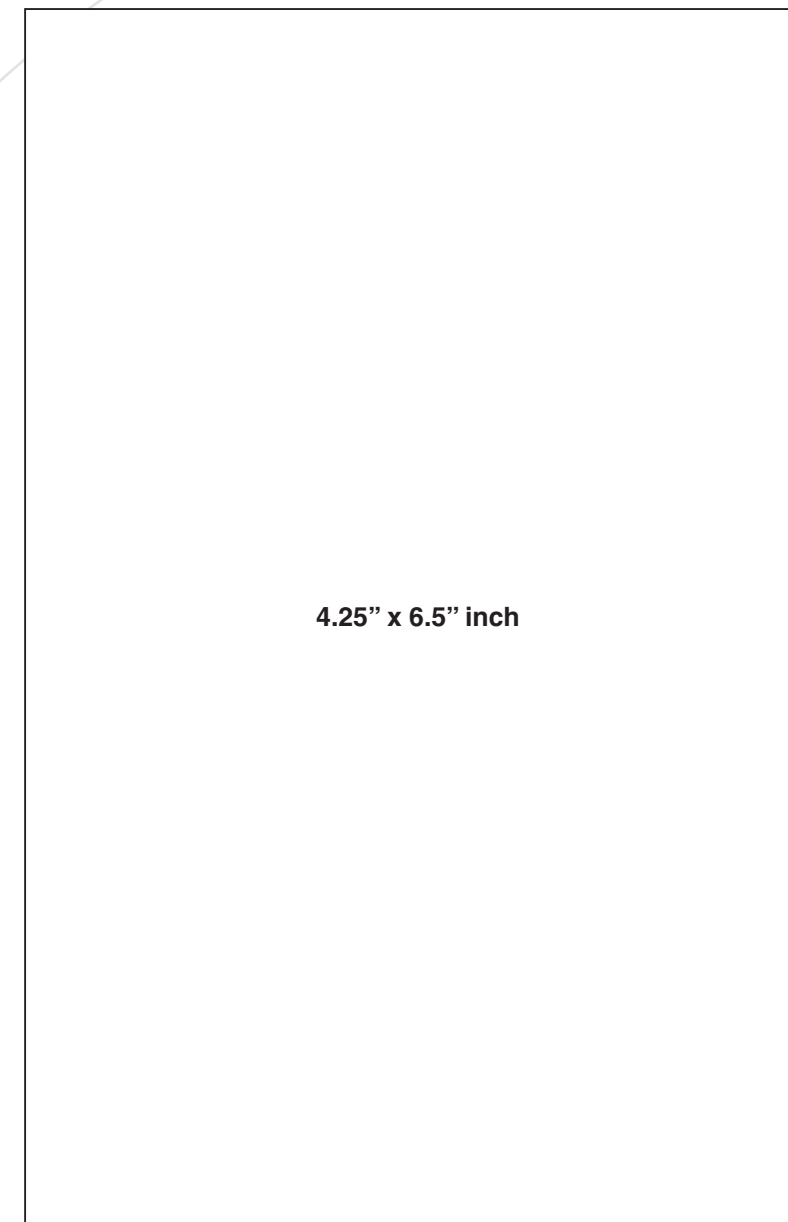
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5012 - DUC ★



4.25" x 6.5" inch

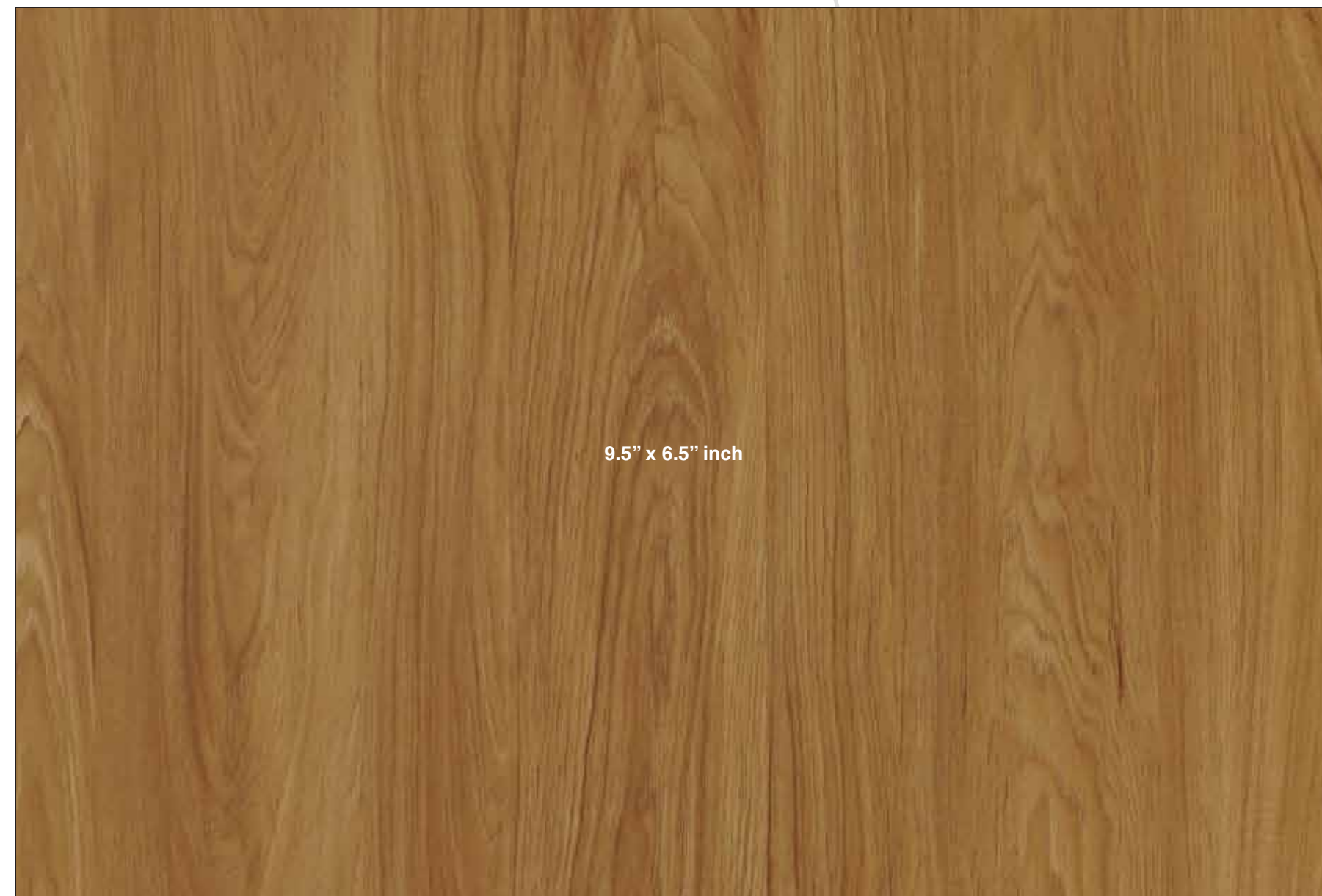


5014 - DUC ★

Wood Burst

5115 - DUC ★

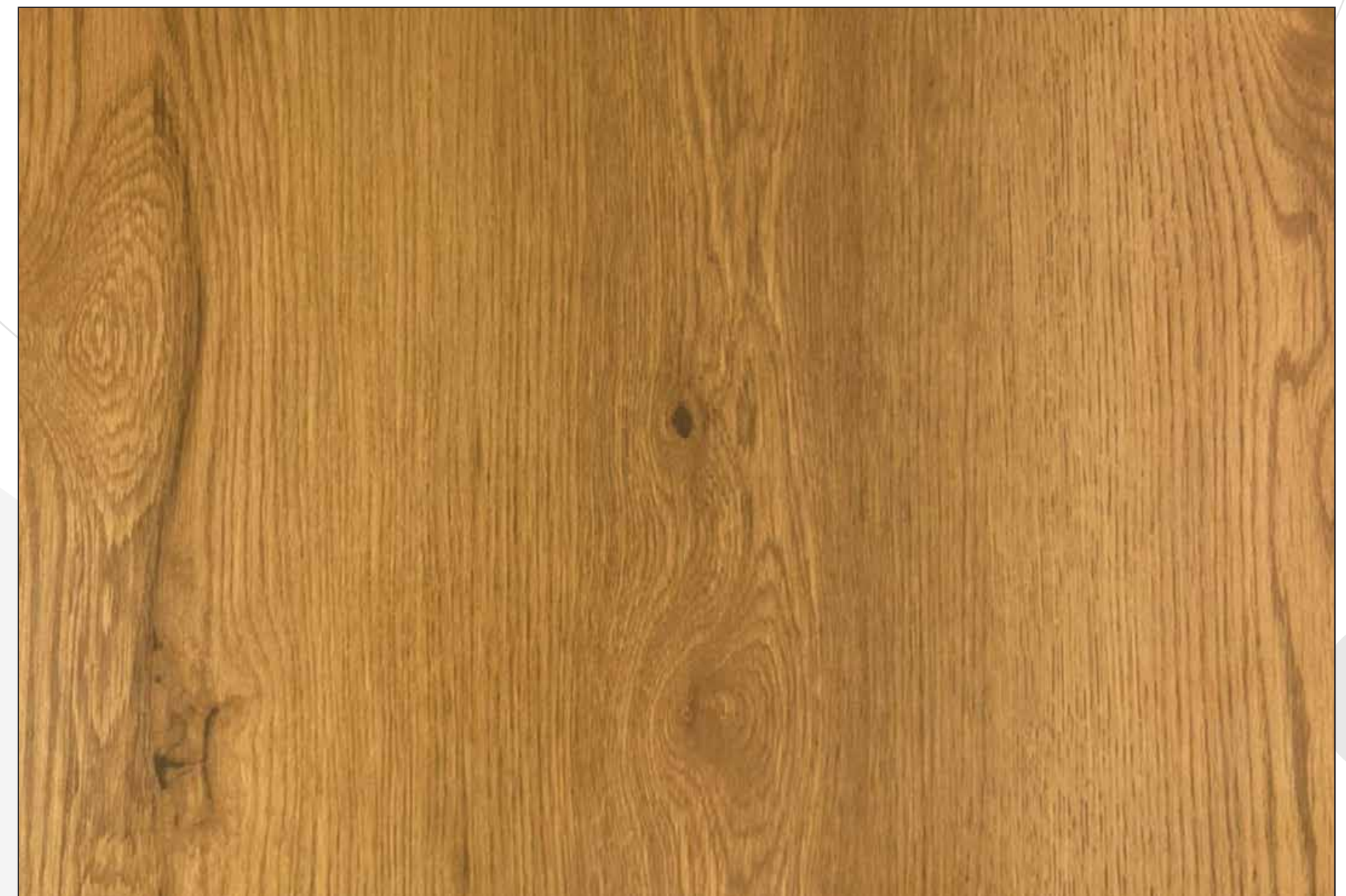
Milky White



9.5" x 6.5" inch

5012 - DUC ★

Natural Wood



5020 - DUC ★

Mellow Oak

BLUFF OAK

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5008 - BOK ★

Niagara Oak



5007 - BOK ★

Niagara Oak



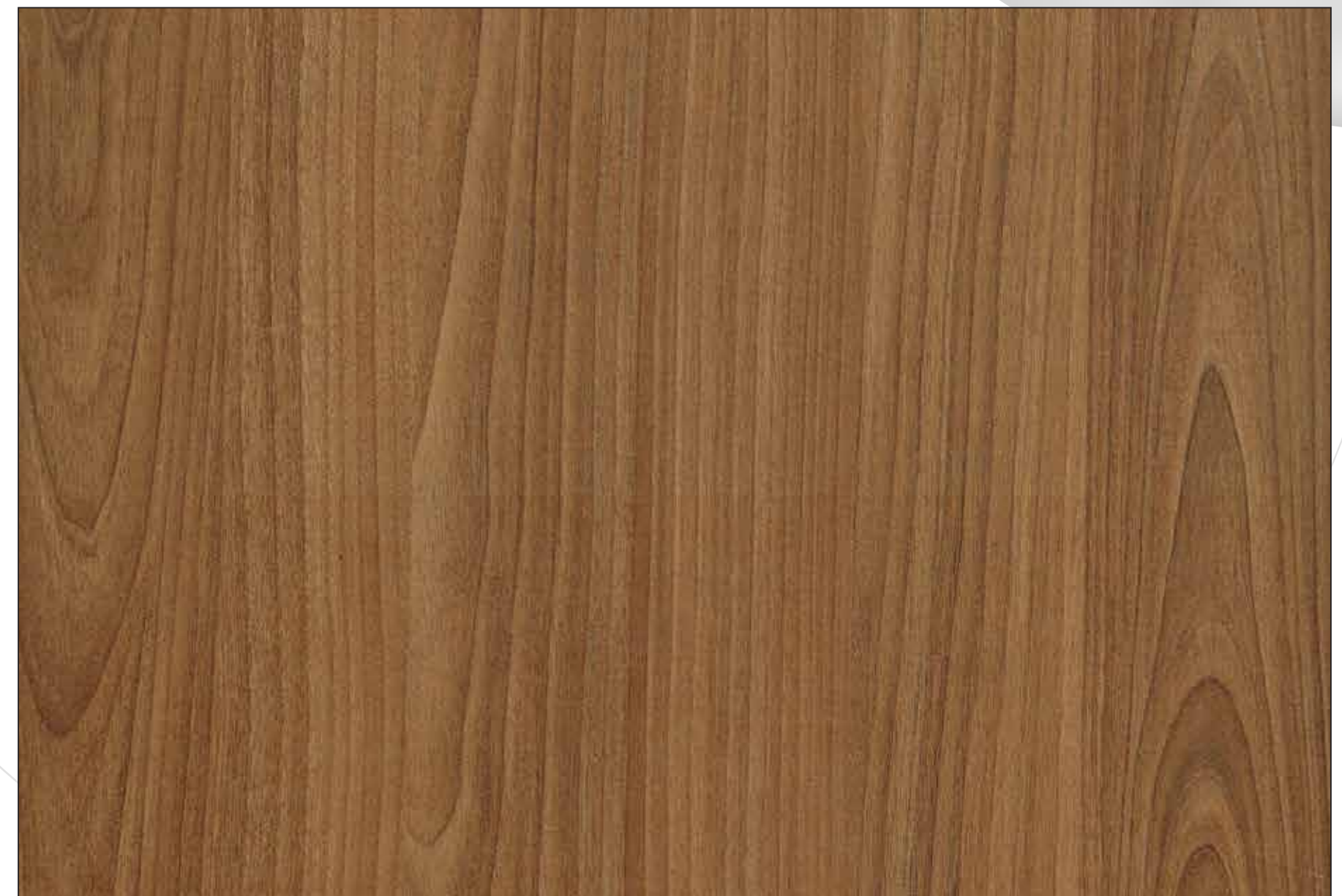
5003 - BOK ★

Peacock Wood



5012 - BOK ★

Natural Wood



5004 - BOK ★

Peacock Wood

MATTISH

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5015 - MTS ★

Silver Caspio



5016 - MTS ★

Grey Caspio



5011 - MTS ★

Natural Veneer



5014 - MTS ★

Wood Burst

POPPY BLOSSOM

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5019 - PBM ★



5019 - PBM ★



Dark Chocolate

POPPY BLOSSOM

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5115 - PBM ★

Milky White



5009 - PBM ★

Stone Grey



5001 - PBM ★

Chicago Oak



5010 - PBM ★

Stone Brown

GAIA

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5112 - GAI ★

Silver Grey Light



5005 - GAI ★

Rolex Wood



5113 - GAI ★

Silver Grey Dark



5006 - GAI ★

Rolex Wood

IMPERIAL MATT

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5001 - IPL ★

Chicago Oak



5012 - IPL ★

Natural Wood



5013 - IPL ★

African Avodire



9.5'' x 6.5'' inch

5002 - IPL ★

Chicago Oak

PEONY

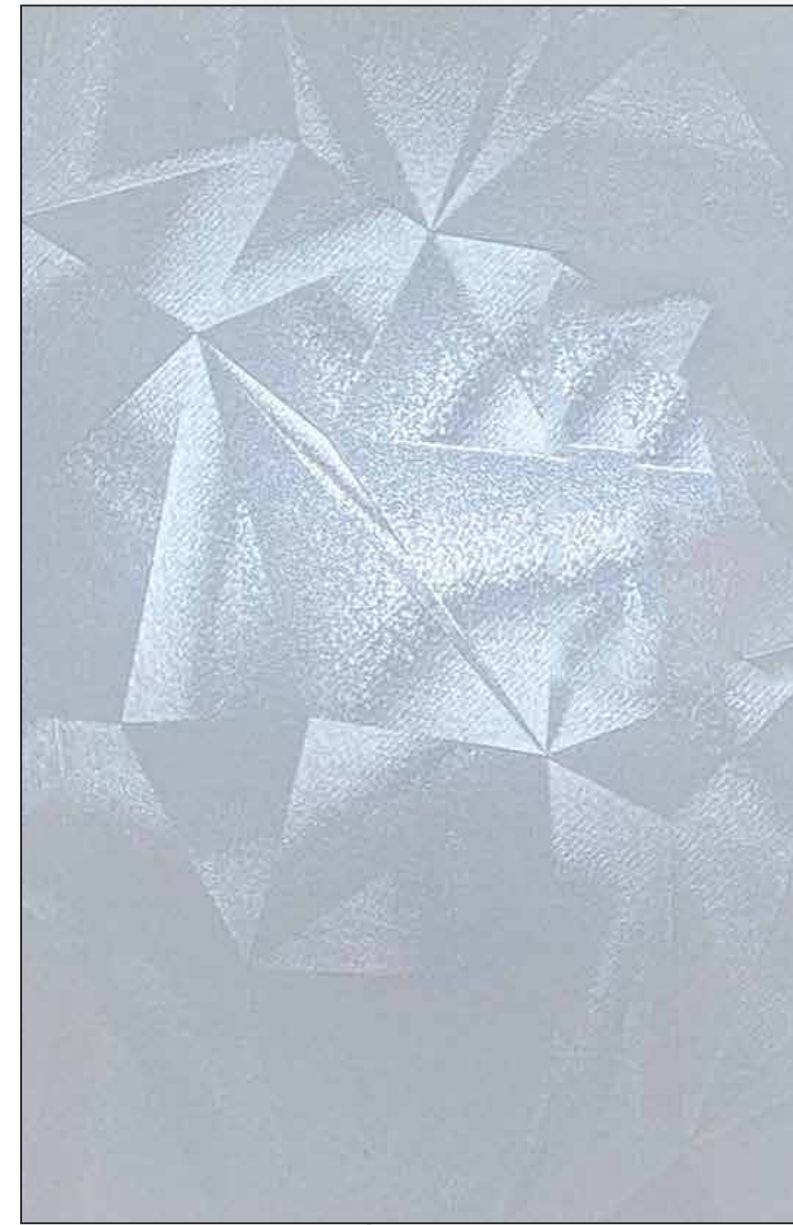
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5117 - PNY ★

Metallic Grey



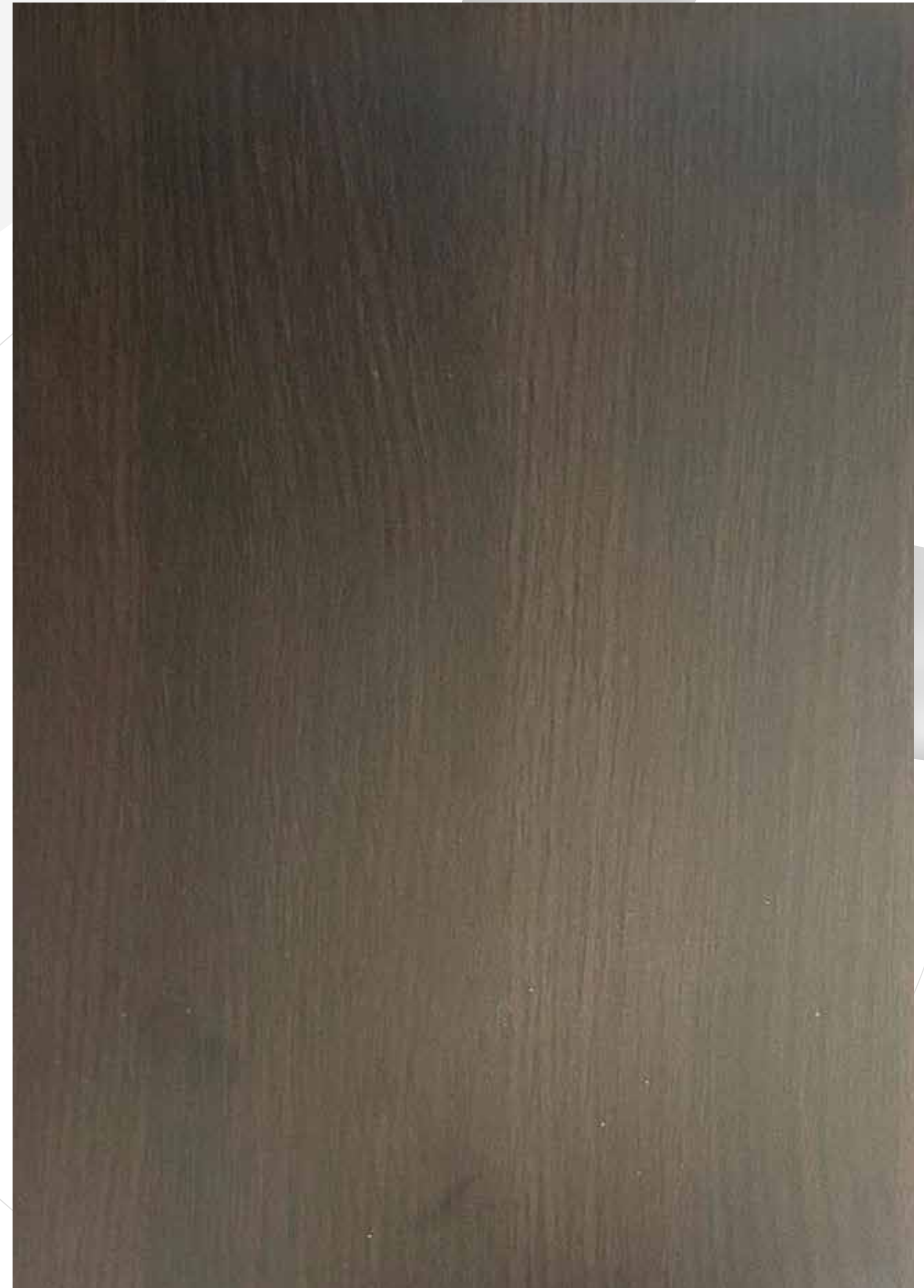
5115 - PNY ★

Milky White



5108 - PNY ★

Metallic Dark Purple



5019 - PNY ★

Dark Chocolate

VOVO OXFORD VENEER

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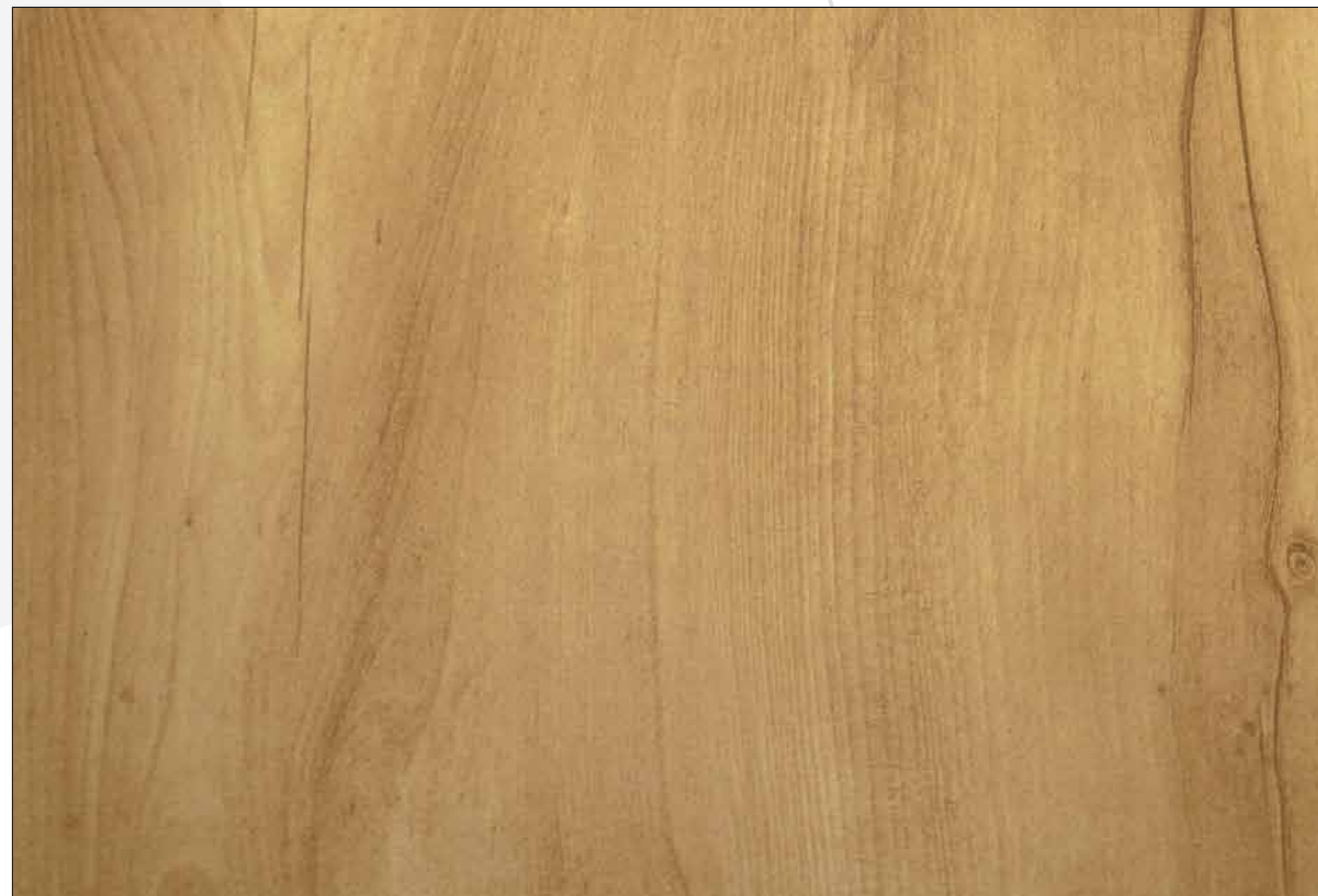
5022 - VOV ★

Knotty Beech



5023 - VOV ★

Knotty Beech



5011 - VOV ★

Natural Veneer



5013 - VOV ★

African Avodire

BUMPY FIDE

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5115 - BUF ★

Milky White



5021 - BUF ★

Chicago Oak



5020 - BUF ★

Chicago Oak



5017 - BUF ★

Verna Oak Walnut

FINE GRAIN

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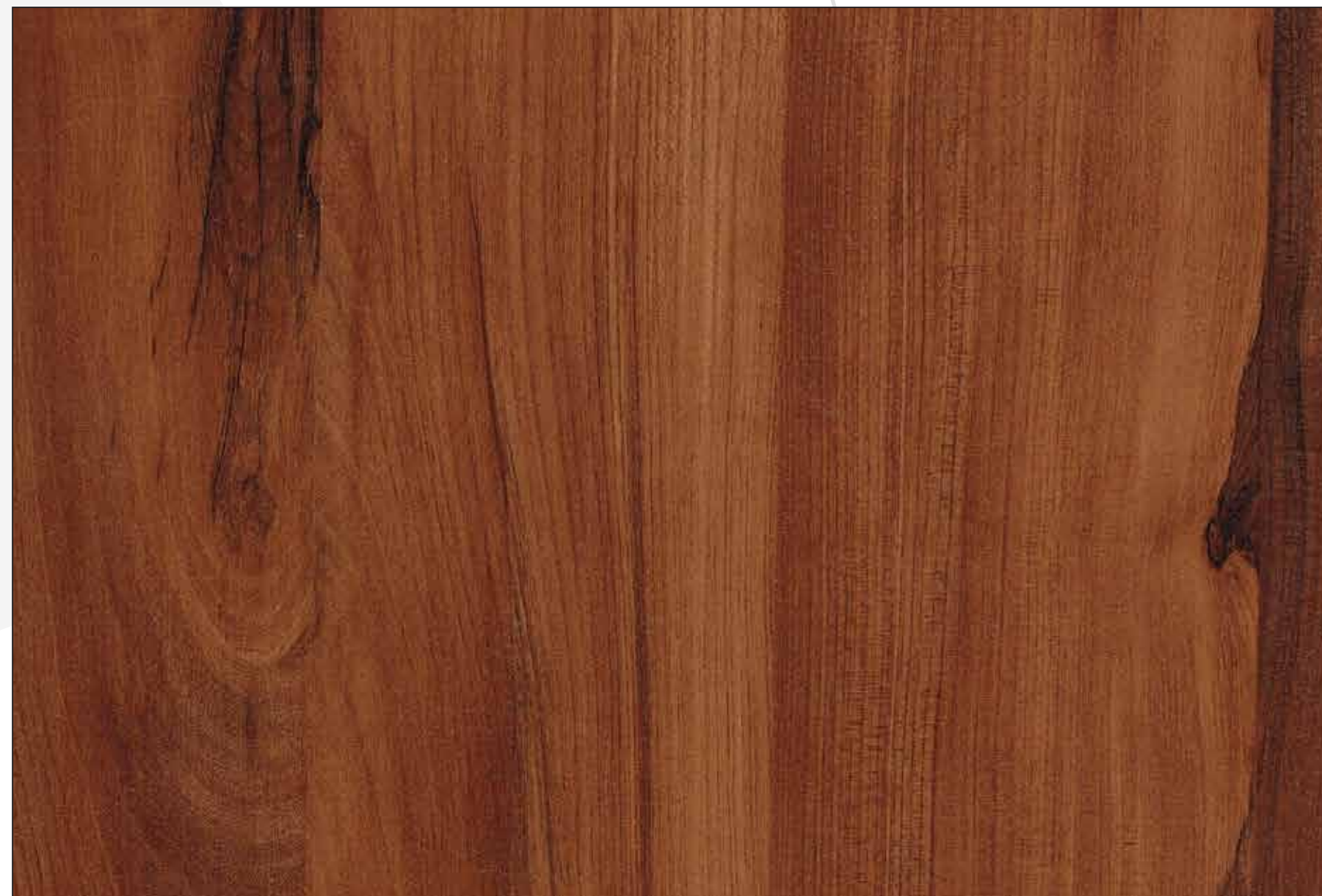
5018 - FGN ★

Rosenheim Elm



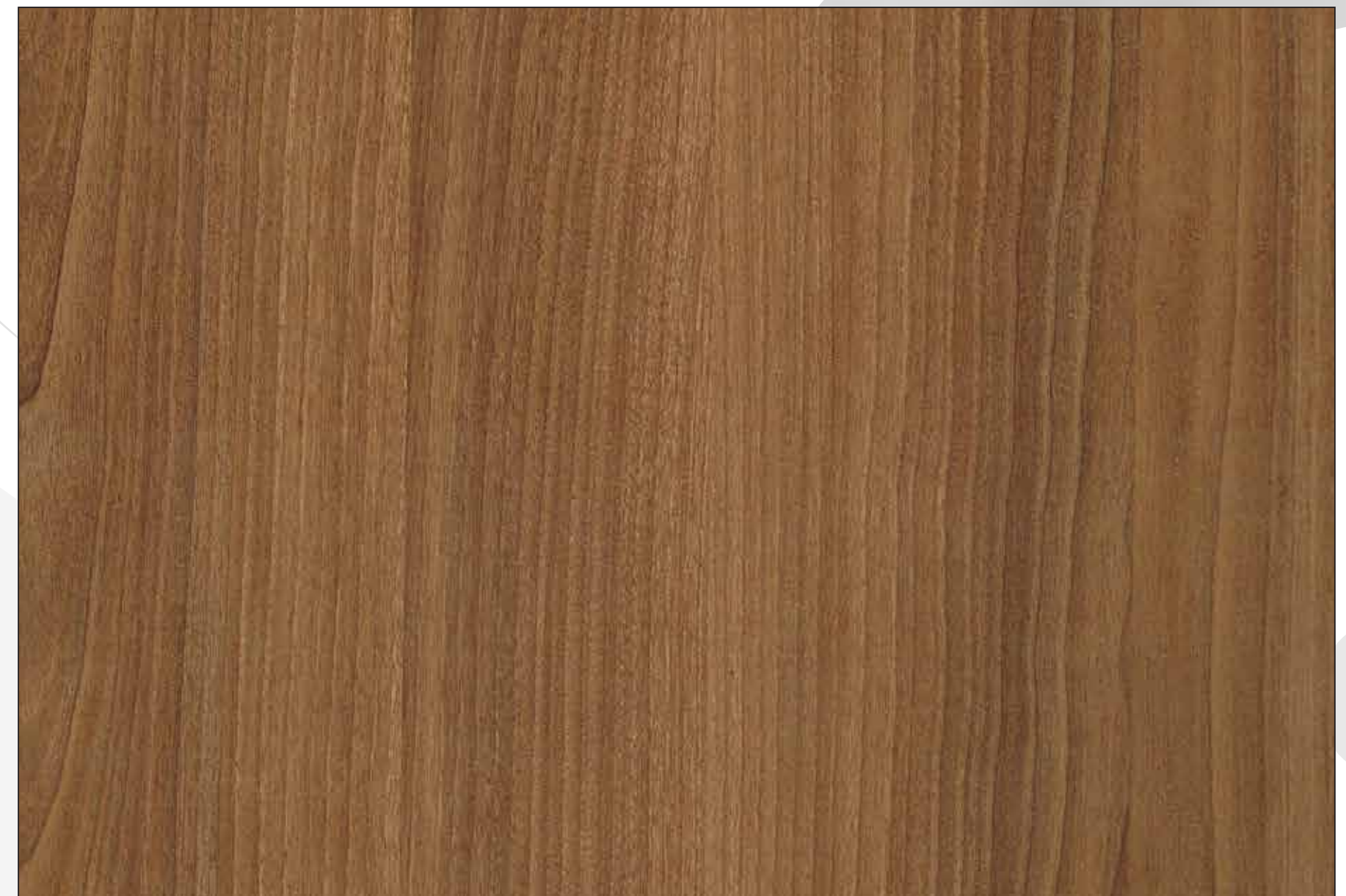
5003 - FGN ★

Peacock Wood



5013 - FGN ★

African Avoidare



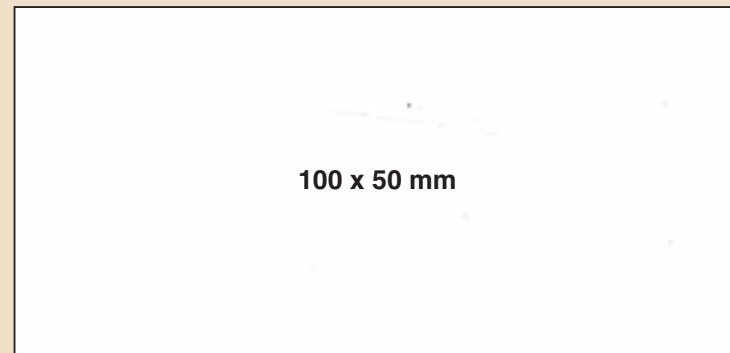
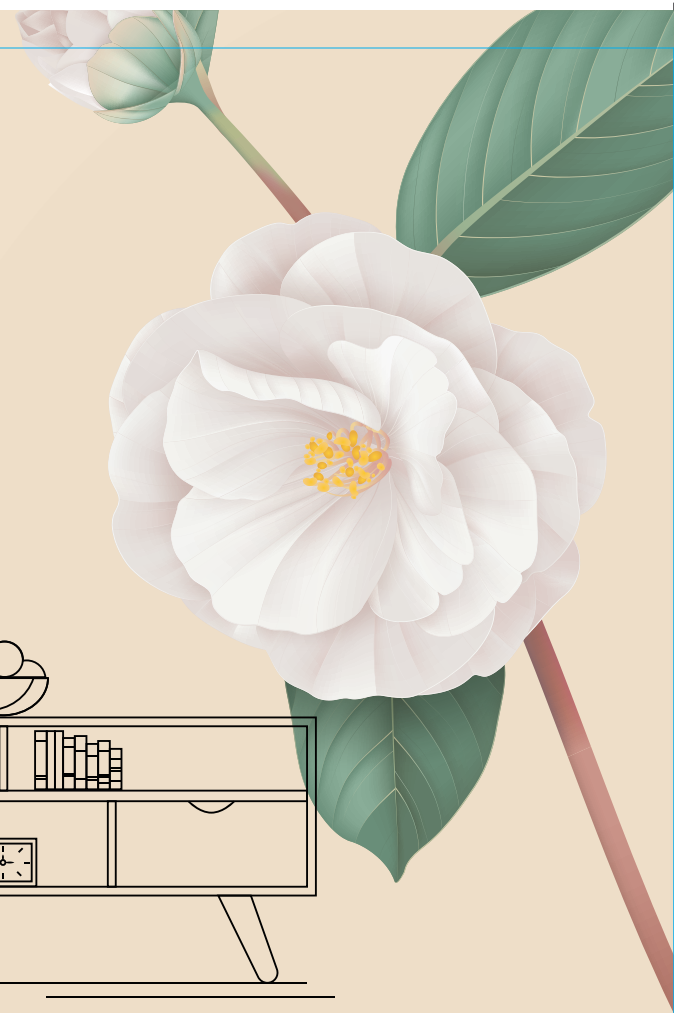
5004 - FGN ★

Peacock Wood

SUPERIOR GLOSS

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5115 - SPG ★

Milky White



5106 - SPG ★

Khakhi



5100 - SPG ★

White



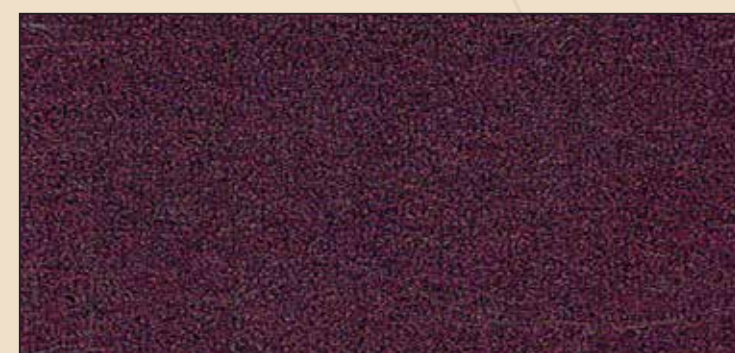
5107 - SPG ★

Black



5113 - SPG ★

Silver Grey Dark



5108 - SPG ★

Metallic Dark Purple



5112 - SPG ★

Silver Grey Light



5109 - SPG ★

Metallic Golden

GLAMOROUS

collection



5110 - SPG ★

Metallic Blue



5103 - SPG ★

Yellow



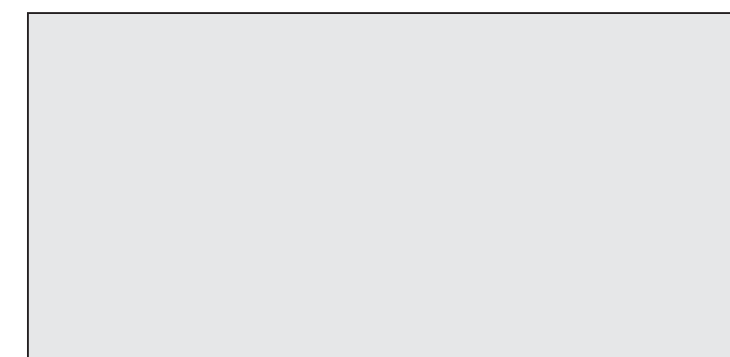
5111 - SPG ★

Metallic White



5104 - SPG ★

Orange



5117 - SPG ★

Metallic Grey



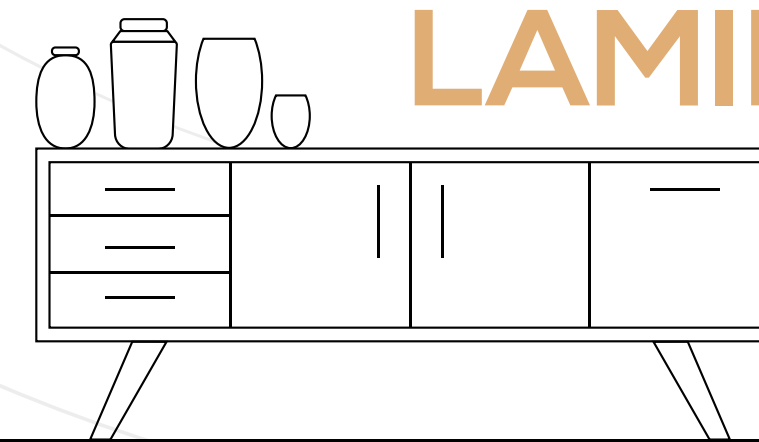
5105 - SPG ★

Red

5102 - SPG ★

Pine Green

artistic
LAMINATE



discover surprising ways to decorating
FURNITURE

SUPERIOR GLOSS

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5015 - SPG ★

Silver Caspio



5016 - SPG ★

Grey Caspio



5024 - SPG ★

Bianco White Marble

SUPERIOR GLOSS

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decors



5009 - SPG ★

Stone Grey



5005 - SPG ★

Rolex Wood



5010 - SPG ★

Stone Brown



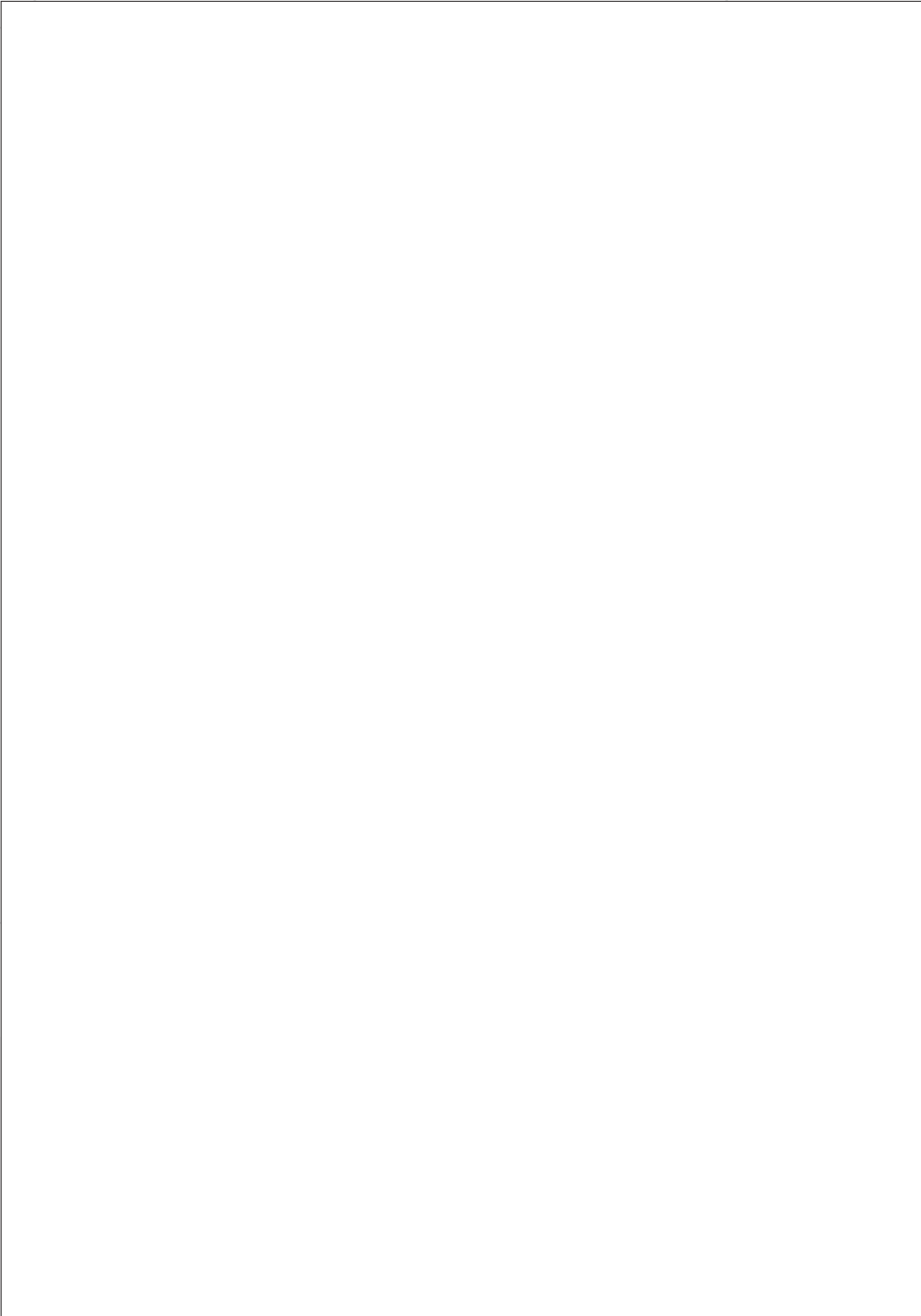
5006 - SPG ★

Rolex Wood

SUPERIOR GLOSS

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decors



34a

5025 - SPG ★

Wild Willow Walnut

5012 - SPG ★

Natural Wood

34b

SUPERIOR GLOSS

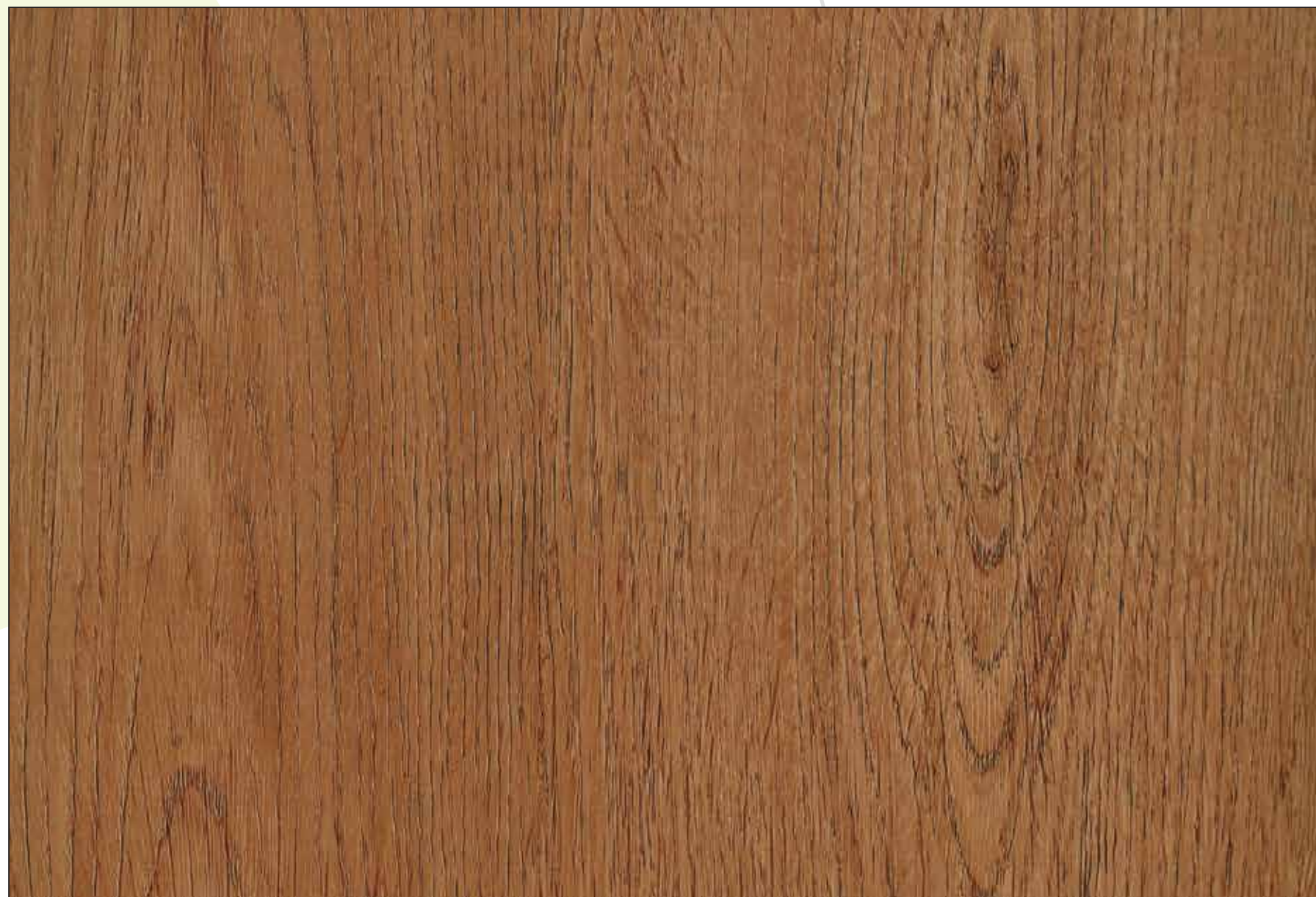
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5001 - SPG ★

Chicago Oak



5002 - SPG ★

Chicago Oak

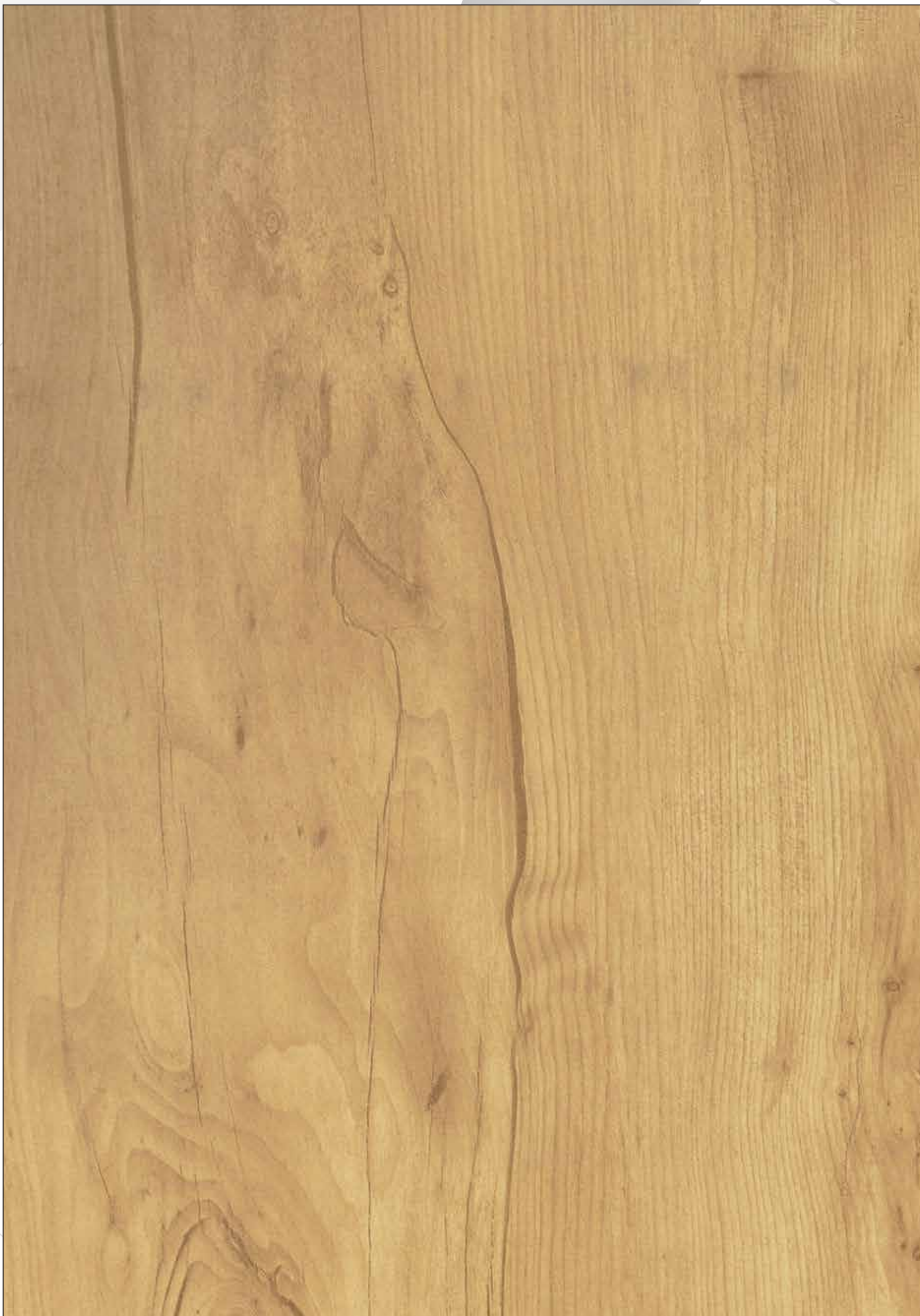


Let's enter the world of
WOOD GRAINS

WOOD GRAINS - SF

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5011 - SF

Natural Veneer

WOOD GRAINS - SF

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TRENDSETTER
decors



5001 - SF

Chicago Oak



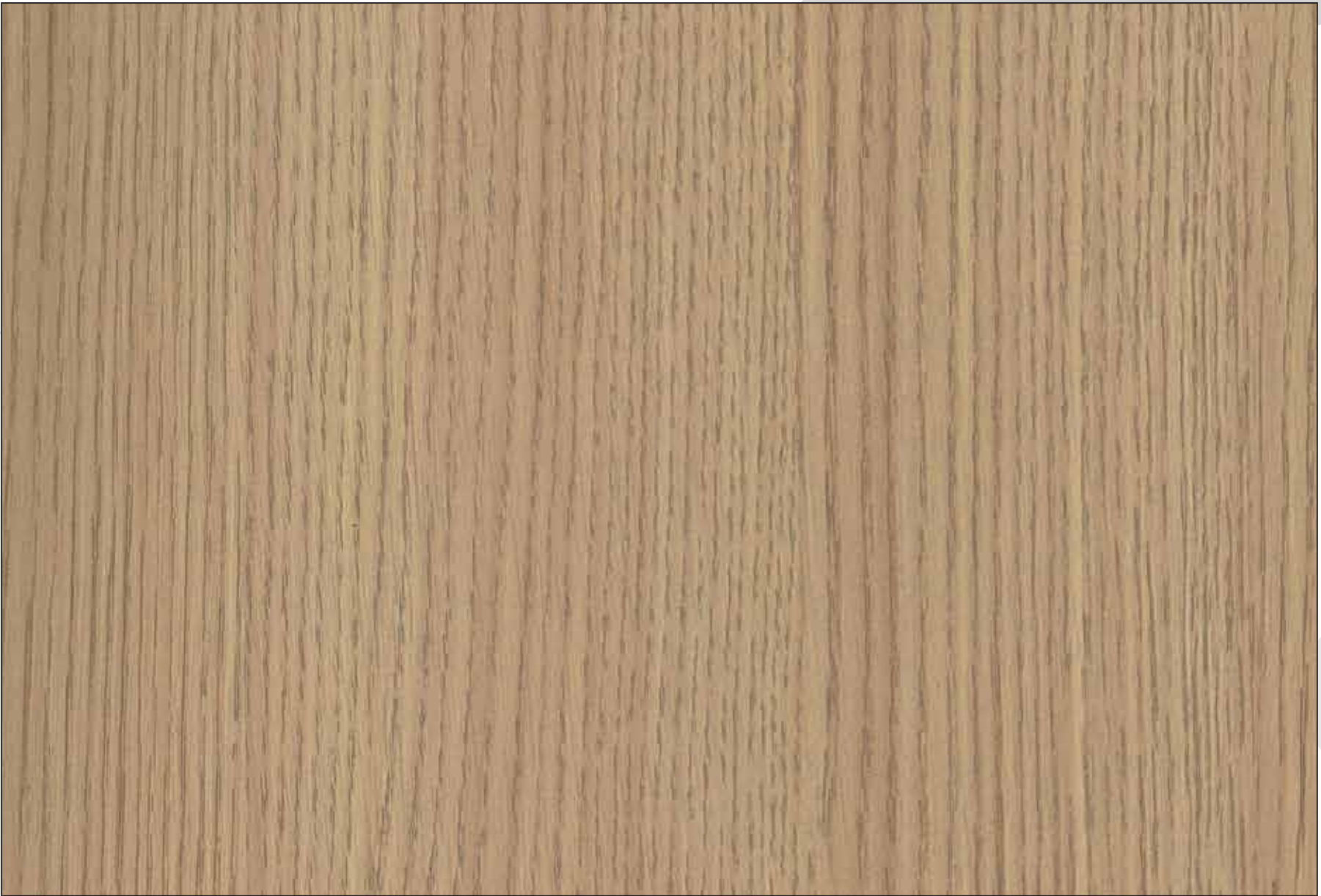
5007 - SF

Niagara Oak



5002 - SF

Chicago oak



5008 - SF

Niagara Oak

WOOD GRAINS - SF

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5005 - SF

Rolex Wood



5014 - SF

Wood Burst



5006 - SF

Rolex Wood



5006 - SF

5006 - SF

WOOD GRAINS - SF

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5015 - SF

Silver Caspio



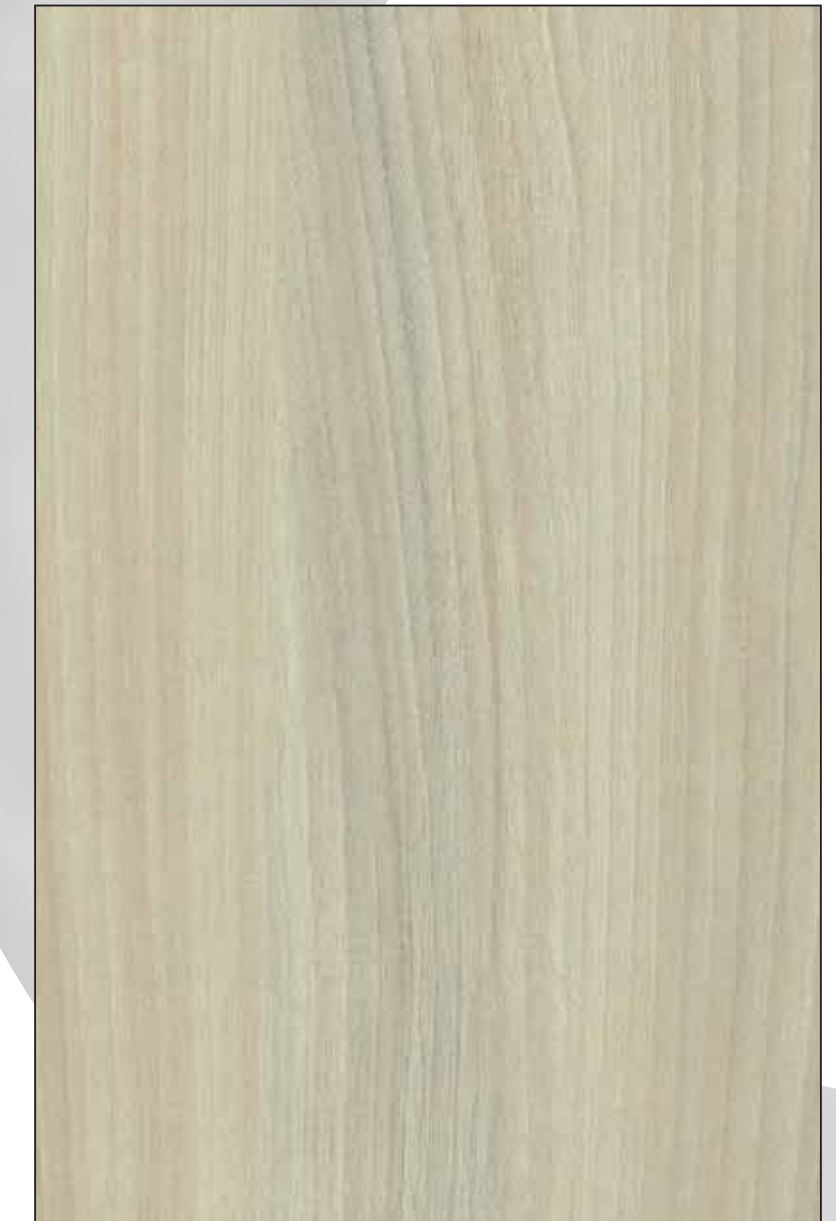
5009 - SF

Stone Grey



5012 - SF

Natural Wood



5003 - SF

Peacock Wood



5016 - SF

Grey Caspio



5010 - SF

Stone Brown



5013 - SF

African Auodire



5004 - SF

Peacock Wood

WOOD GRAINS - SF

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5020 - SF

Mellow Oak



5023 - SF

Knotty Beech



5024 - SF

Bianco White Marble



5018 - SF

Rosenhelm Elm



5021 - SF

Unique Oak



5022 - SF

Knotty Beech



5019 - SF

Dark Chocolate



5017 - SF

Varna Oak Walnut

BULLS EYE

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5115 - BEY ★

Milky White

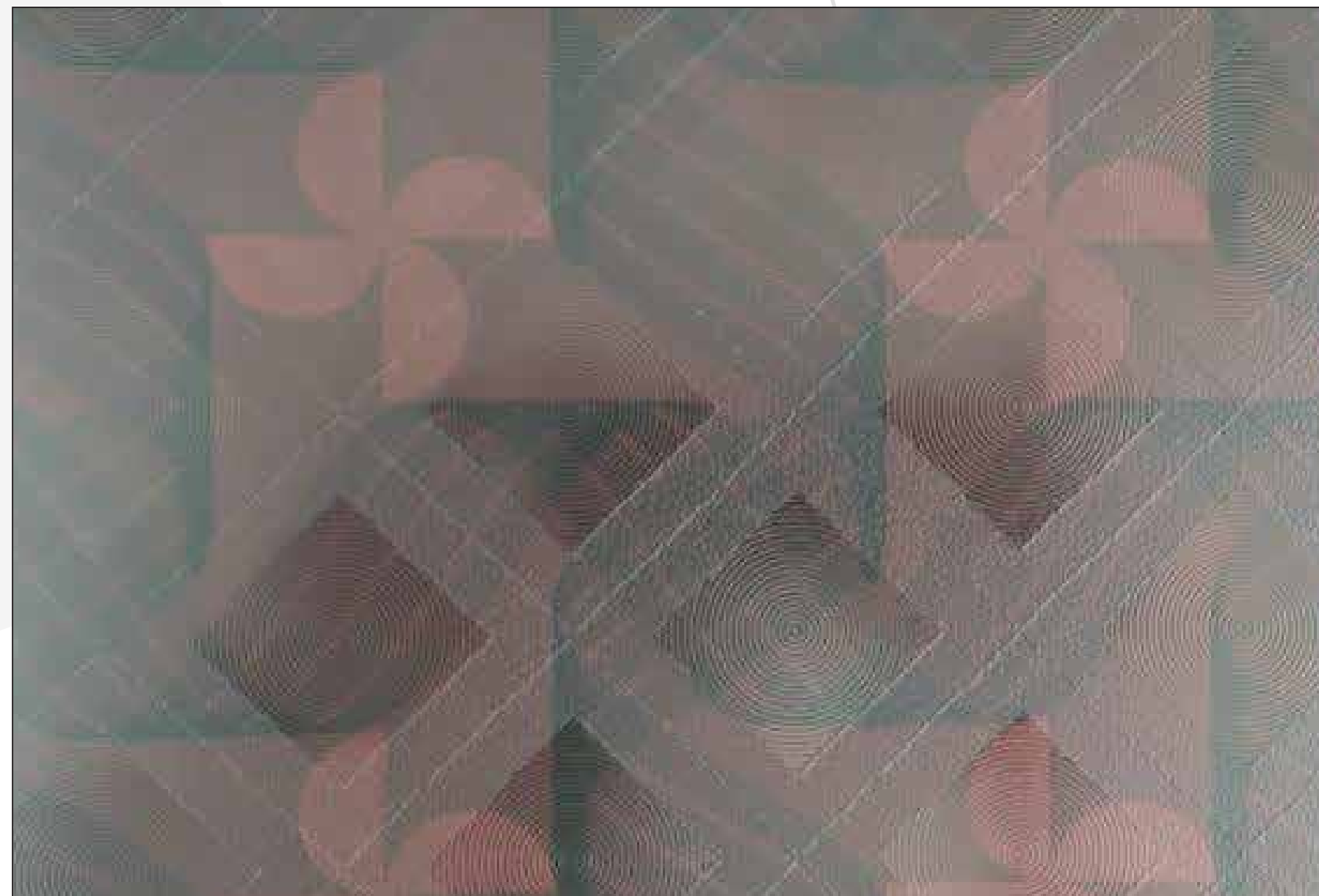
NET STRIPS

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5027 - NS ★

Light Marble



5026 - BEY ★

Geometric Red Flower



5028 - NS ★

Brown Marble

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decors

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- Sound Insulation
- Impact Resistance
- Thickness Precision
- Termite & Borer proof
- Scratch Resistance
- Low Water Absorption
- Easy to Clean
- Stain Resistance
- Textured Surface
- Homogeneous Sheet

TECHNICAL SPECIFICATION



APPLICATION GUIDELINES

CAUSES AND RECOMMENDATIONS FOR AVOIDING FAILURES ARE;

- **USE GOOD QUALITY OF PLYWOOD AND ADHESIVE**
- **THE SURFACES TO BE BONDED SHOULD BE FREE FROM OIL/GREASE/DUST AND EXCESS MOISTURE**
- **INSUFFICIENT AMOUNT OF ADHESIVE ON EITHER OR BOTH THE SURFACE TO BE BONDED**

When ready for bonding, the spread film, of most contact adhesive will exhibit a uniform semi-gloss appearance over the entire surface of the materials to be bonded. Marked variation in appearance will of the materials to be bonded. Marked variation in appearance will generally indicate an improper or non-uniform adhesive spread. The substrate can generally be seen more readily through those areas where insufficient adhesive has been applied. If this occurs, re-coating the surfaces should achieve a uniform coating. Double coating the edges with adhesive is advisable because of the higher porosity of the substrate edge.

INSUFFICIENT BONDING PRESSURE

To ensure intimate contact necessary for an adequate bond, sufficient pressure should be applied over the entire area using as much pressure as possible without damaging the assembly. Pinch rollers (rotary press) and heavy weighted rollers are ideal. Hand pressure rolling is adequate, provided the operator exerts maximum pressure by means of a two handled or single long handled roller. The rollers should be of steel or hard solid rubber (50-80 diameter) and not over 75mm (3 inches) wide. Hand rolling should be rolled twice.

BONDING WHEN ADHESIVE SURFACE ARE OVER-DRY OR UNDER-DRY

Care should be taken to follow the manufacturer's recommendations concerning the allowable tack range of the adhesive. If assembly's made before the adhesive is dry or after the allowable open time is exceeded, then the bonding result may be unsatisfactory.

BONDING OF SURFACE UNDER 21°C (71°F)

Unless otherwise indicated by the manufacturer, the temperature of the gluing area and all materials should be 21 °C (70 °F) or above.

BONDING OF SURFACE WHERE HUMIDITY IS TOO HIGH

Experience has shown that when the relative humidity is above 80 percent at temperatures of 21 °C (70 °F) or lower, moisture may condense on the surface during drying (known as "blushing") and will prevent an acceptable bond. Hot spary or forced air drying may be used to prevent this condition.

IMPROPERLY PREPARED OR DIRTY GLUING SURFACES

The surface should be clear, dry and free of oils or other contaminants, such as dust, loose paint particles, and so forth. The adhesive film should have full contact with the surface to which it is applied in order to give maximum adhesion.

FIELD BONDING OF OVERSIZED SHEETS

It is recommended that the maximum sheet size used for vertical field application be limited to 2440 x 610 mm (8 x 2 feet). If larger panels are required, these should be fabricated in the shop.

UNDER PRESSURE

After bonding, even pressure of 100 gm/sq. ft. must be maintained for 6 to 8 hours.

TECHNICAL SPECIFICATIONS

PROPERTIES	SPECIFIED VALUE AS PER IS: 2046-1995 TYOE S, HGS	RAYLAM CONFIRMS
Thickness Tolerance	± 10 %	± 10 %
Resistance to Surface wear	350 (Min. Revolutions)	Passes
Resistance to immersion in boiling water	Mass Increase (%)	5.7% Max
	Thickness Increase (%)	6.8% Max
	Appearance	Passes
Resistance to Dry heat 180 O C Temp	Not worse than 3 (Grade)	Passes
Gloss / Other	Not worse than 4 (Grade)	Passes
Dimensional Stability at 20° C	Longitudinal (%)	0.375% (Maximum)
	Transverse (%)	0.60% (Maximum)
Dimensional Stability at deviated temperature	Longitudinal (%)	0.55% (Maximum)
	Transverse (%)	1.025% (Maximum)
Resistance to scratching	2.0 N (Minimum)	2.95 N
Resistance to steam	Not worse than 4 (Grade)	Passes
Resistance to impact by small diameter ball	20 N (Minimum)	35 N
Resistance to cigarette burns	Not worse than 3	Passes
Resistance to cracking	Not worse than 4	Passes
Resistance to staining	Group 1 & 2	Passes
	Group 3 & 4	Passes
	In Xenon arc light	Passes
Resistance to color change (Wool Standard)	In Xenon arc light	Not worse than 6
	In Enclosed carbon arc light	Not worse than 5
Appearance	Free from ABC Defects	Free from ABC Defects

NOTES

It is recommended to check laminate sheet before fixing. No complaint shall be entertained on laminates already fixed. In case of complain, the company's liability is limited to the cost of the laminate sheet only. Company reserves the right to delete, amend either totally or partially, any of the designs, finishes, references and other technical specifications contained in this catalogue at any time. The sample swatches in the catalogue shows colour pattern and finishes only. It does not show the actual thickness of the product.

THIS IS FOR SAMPLE PURPOSE ONLY. NOT FOR SALE.