



ROYAL PRINT WORLD - 76572 24000



SPACES



THAT

SMILE

EXQUISITE
SERIES

Carefully crafted solid laminates that enhance interiors with calm confidence and warmth.



ANTI-
SCRATCH

100%
ACRYLIC



MADE IN INDIA
MADE IN MORBI



Creating extraordinary interiors with refined aesthetics innovative craftsmanship and enduring beauty together.

EXQUISITE
SERIES

OPEN HORIZONS
LIMITLESS BEAUTY

Anti Yellow | Scratch Resistant | Fade Proof

INSIDE THE SMILE

At **Keshari**, we redefine elegance with our premium range of acrylic laminates, crafted to bring brilliance and durability to modern interiors. With a passion for innovation and excellence, we offer high-gloss, ultra smooth and scratch resistant laminates that enhance every space with unmatched sophistication.

Our laminates are designed to deliver stunning aesthetics, long lasting durability and effortless maintenance, making them the perfect choice for contemporary homes, offices and commercial spaces. With a commitment to quality and customer satisfaction, **Keshari** continues to set new standards in the industry, ensuring that every surface reflects perfection.

Experience the seamless blend of beauty and strength with **Keshari** acrylic laminates – where design meets durability!





MOISTURE RESISTANCE

Protects against swelling, warping, or damage caused by moisture, ensuring consistent performance everywhere.



TERMITE FREE

Provides long lasting protection from termites, safeguarding your designs with reliable, natural looking strength.



ANTI- BACTERIAL

Hygienic surfaces with antibacterial properties, promoting cleaner, safer and healthier living and working environments.



SCRATCH RESISTANCE

Designed to endure daily wear, maintaining a smooth, flawless finish even under frequent usage.



SMILE DRIVEN FEATURES



FIRE RESISTANCE

Specially engineered surfaces that resist fire, ensuring safety without compromising style and design.



IMPACT RESISTANCE

Strong construction withstands everyday impacts, preserving surfaces with unmatched toughness and durability.



WEATHER RESISTANCE

Built to withstand varying climates, ensuring durability and performance in both indoor and outdoor environments.



STAIN RESISTANCE

Innovative surface treatment prevents stains, keeping every laminate easy to clean and beautiful.

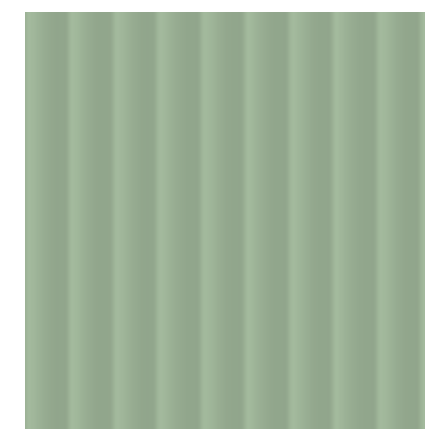
THE SURFACE GUIDE



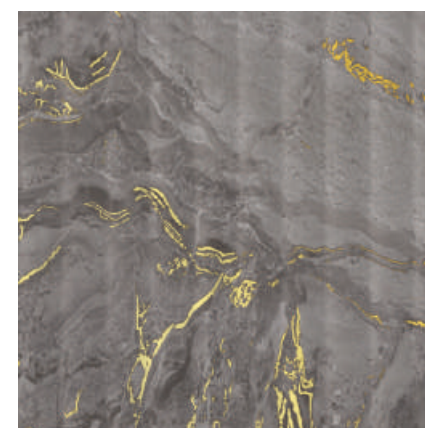
MARBLE MATT
01-06



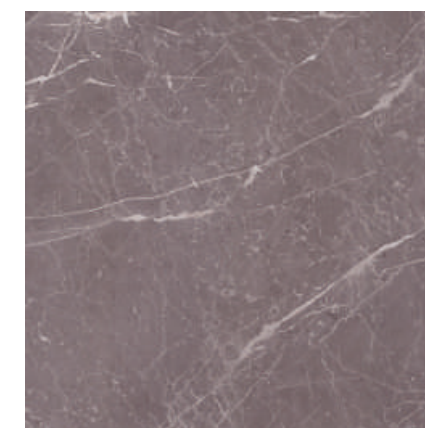
SUPER MATT
07-14



FLUTE SOLID
15-24



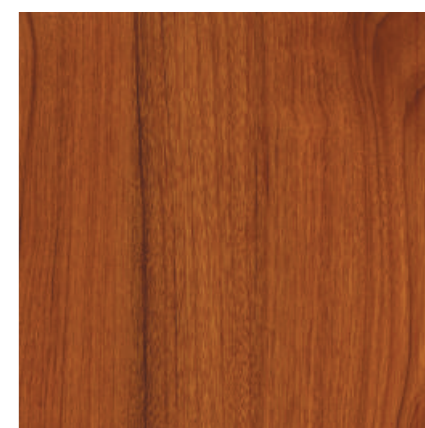
FLUTE MARBE
25-28



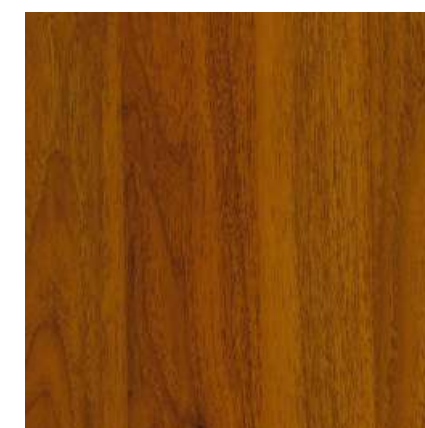
MARBLE
29-42



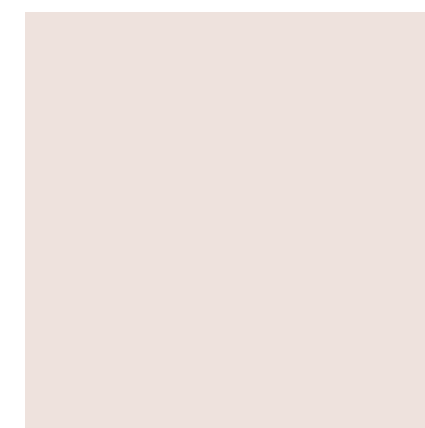
HIGH GLOSS
43-62



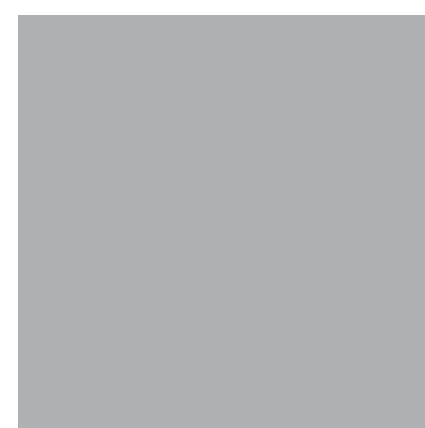
WOODEN
63-66



WOODEN MATT
67-68



LIQUID METALLIC MATT
69-70



METALLIC
71-74



SPARKLE
75-80



MIRROR
81

EXQUISITE SERIES



THE KESHARI STANDARD.

- Mirror like high gloss surface delivering exceptional visual depth and crystal clear color reflection across every laminate sheet.
- Perfectly engineered uniform finish eliminating surface waviness, dullness and uneven light distortion under various interior lighting conditions.
- Advanced multi layer coating technology developed to preserve long lasting brilliance and maintain superior shine retention for years.
- Ultra smooth refined texture enhancing furniture detailing while creating a sophisticated and luxurious visual experience.
- Precision controlled shade consistency maintained across production batches for flawless matching in large interior projects.
- Calibrated sheet thickness ensures accurate alignment, seamless installation and professional modular furniture execution.
- Superior edge finishing quality allowing smooth cutting, sharp profiling and clean corner detailing without surface damage.
- Developed in accordance with modern architectural expectations to elevate contemporary interior environments.



ENGINEERED PERFORMANCE

- High scratch resistant surface built to withstand everyday usage while preserving its premium glossy appearance.
- Moisture resistant structure designed to protect the base substrate and enhance long term durability.
- Strong adhesive compatibility ensuring dependable bonding performance with MDF, plywood and particle board substrates.
- Heat tolerant surface suitable for interior furniture exposed to moderate temperature variations.
- Fade resistant formulation engineered to retain original color richness and surface clarity over time.
- Impact resistant construction supporting demanding residential and commercial furniture applications.
- Stain resistant finish allowing effortless cleaning without affecting gloss level or surface smoothness.
- Engineered to deliver consistent and reliable performance across diverse interior environments.



INTERIOR APPLICATIONS

- Ideal for premium kitchen shutters and cabinet fronts requiring durable high gloss elegance.
- Perfect for wardrobe panels creating seamless, modern and visually appealing bedroom interiors.
- Suitable for television units and decorative wall panels demanding reflective sophistication.
- Recommended for retail counters and commercial display units requiring polished premium surface finishes.
- Enhances office workstations and storage systems with clean lines and professional aesthetics.
- Excellent solution for hospitality interiors including reception desks and luxury feature installations.
- Designed for modular furniture manufacturing with accurate fit and smooth finishing compatibility.
- Complements contemporary architectural spaces seeking durable and refined surface solutions.

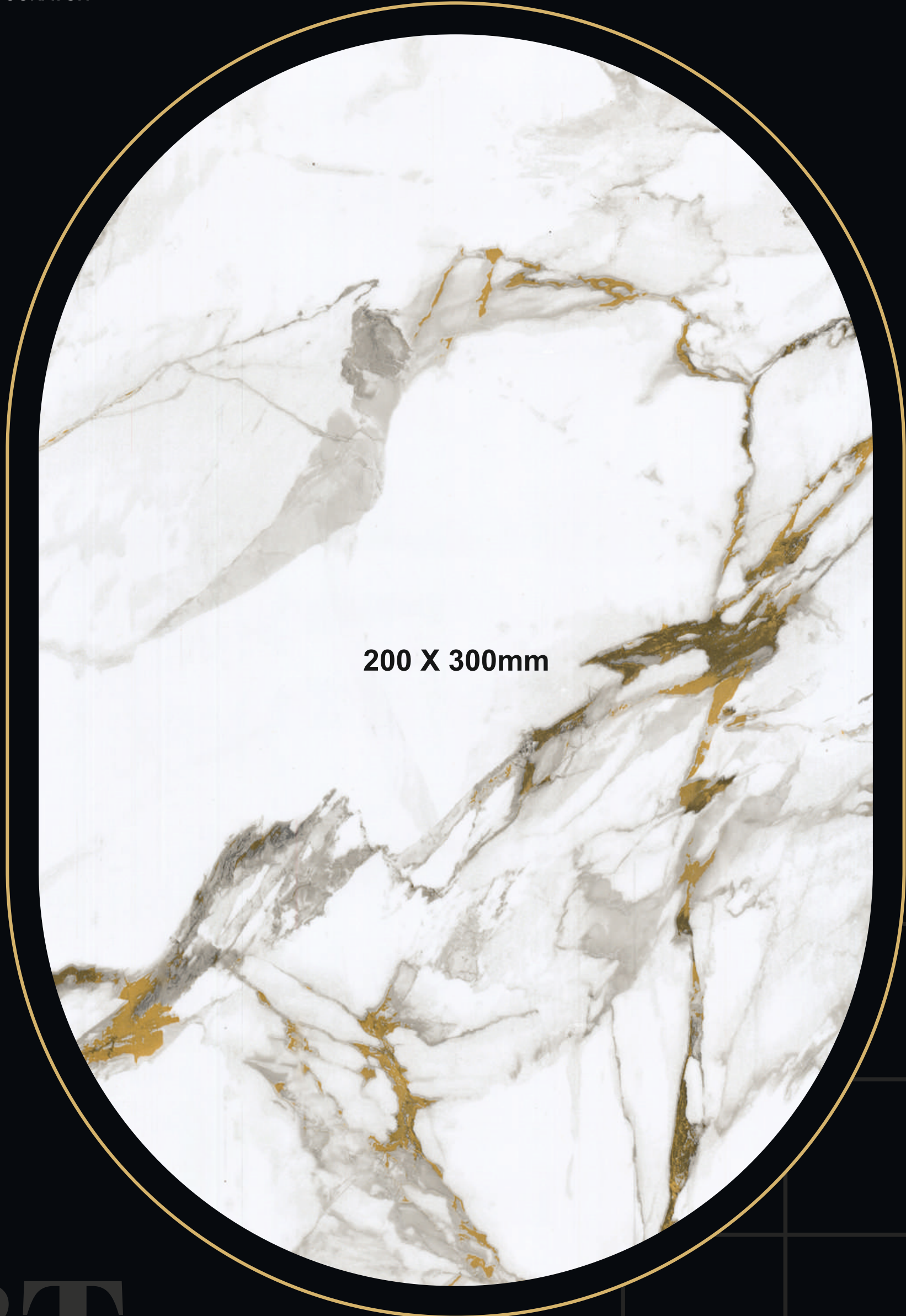


QUALITY ASSURANCE

- Manufactured under strict quality control standards ensuring consistent gloss levels and structural reliability.
- Each sheet carefully inspected for surface smoothness, shade uniformity and dimensional precision.
- Tested rigorously for bonding strength, durability performance and resistance to environmental factors.
- Produced using advanced calibrated machinery to maintain uniform thickness across all production batches.
- Verified for scratch resistance, moisture protection and long lasting surface stability.
- Reliable composition developed specifically for safe and stable interior furniture applications.
- Maintained batch consistency to support large scale architectural and commercial projects.
- Commitment to delivering dependable premium grade acrylic laminate solutions with assured performance.

Classic stone elegance reimaged
through premium matte surfaces.

ANTI-
SCRATCH



CREATE TIMELESS APPEAL

KL - 1102

Anti Yellow | Scratch Resistant | Fade Proof

KL - 1102
STATUARIO GOLD

ART
INSPIRE

115 X 300mm

115 X 300mm

 KL - 1101
ANTIQUE IVORY

 KL - 1103
SILVER CASCADE



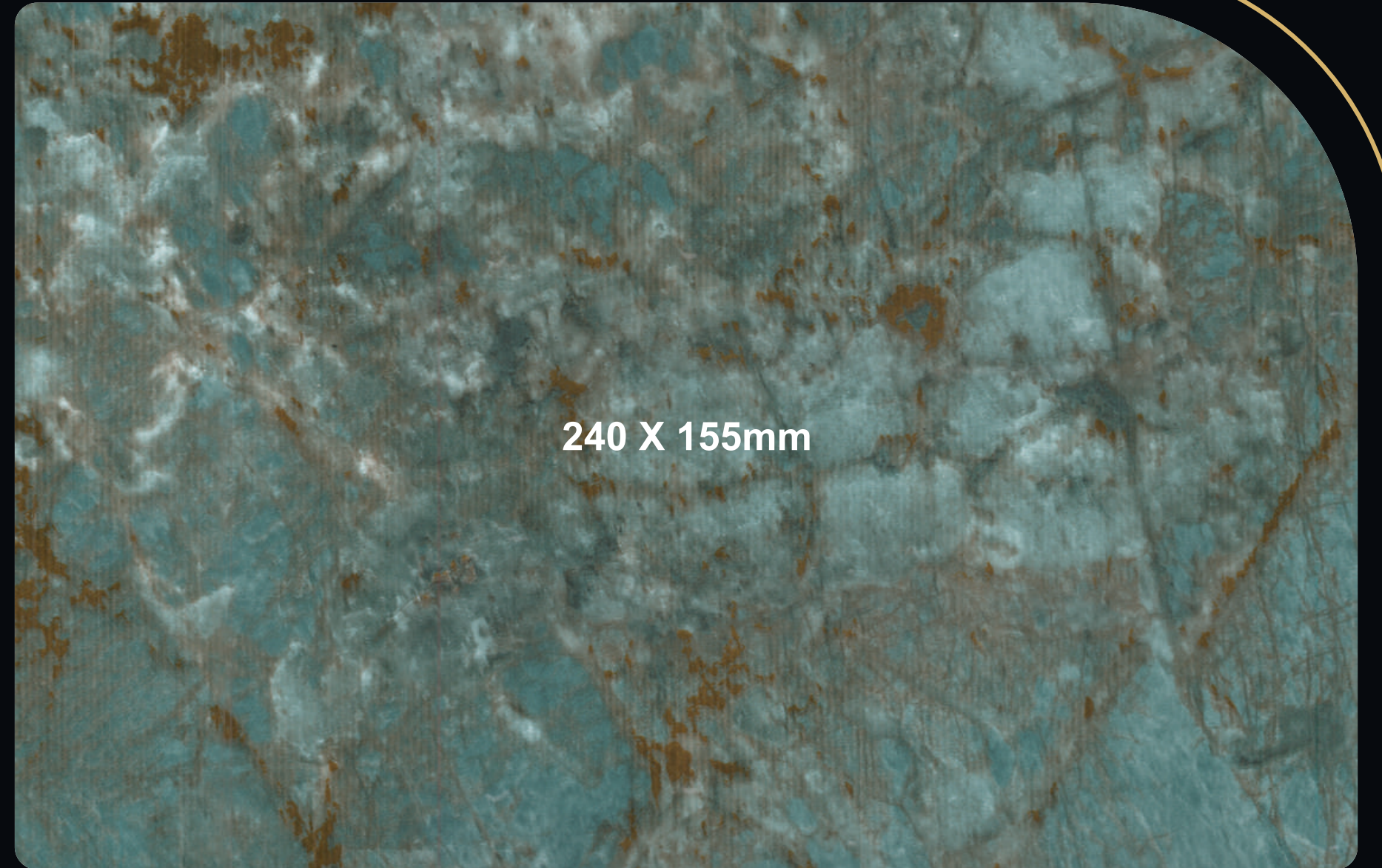
INSPIRE NEW
PERSPECTIVES

ENRICH DAILY **LIVING**



KL - 1104

KL - 1105



KL - 1104
AQUA PATINA



KL - 1105
IMPERIAL MARBLE

ELEVATING EVERYDAY
EXPERIENCES



FINE TEXTURES
LAST FOREVER

Minimalist color expressions crafted for elegant architectural spaces.

110x150 mm

KL - 8001
ALPINE MIST 

110x150 mm

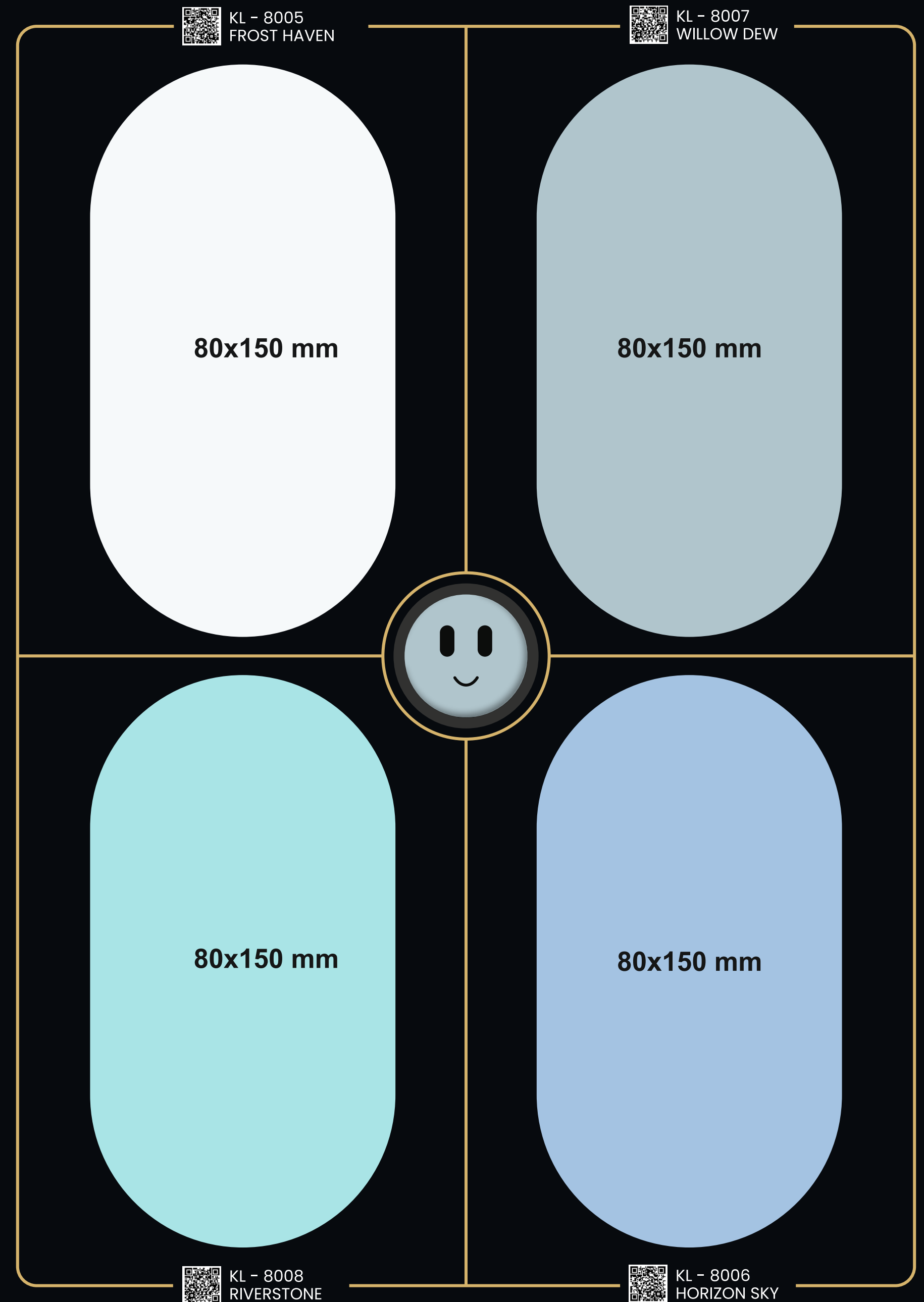
KL - 8003
DESERT LINEN 

110x150 mm

KL - 8002
MAUVE BLOOM 

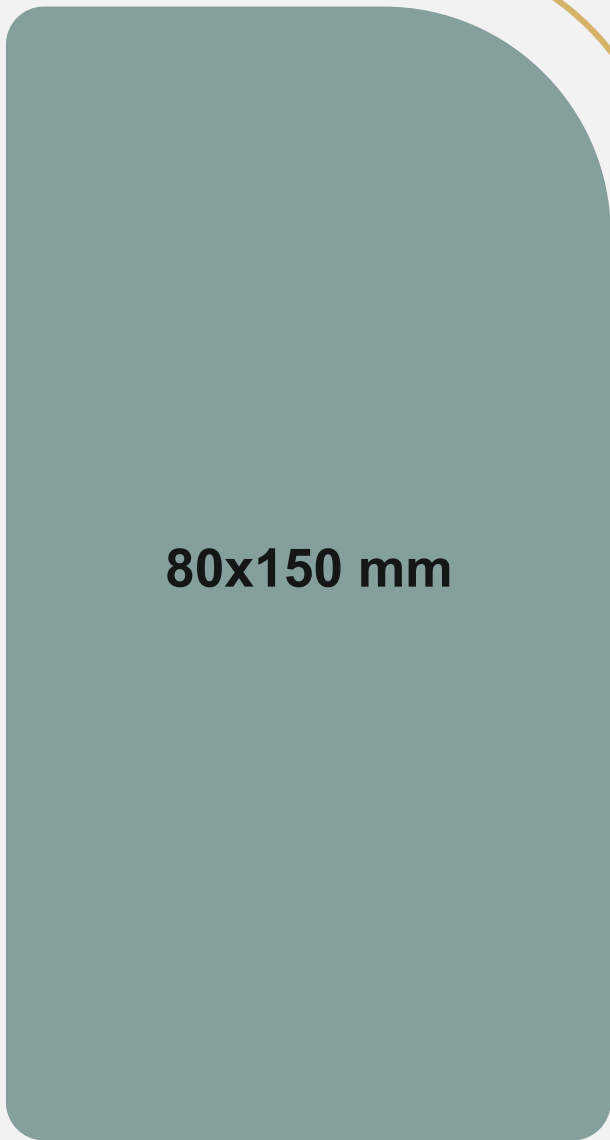
110x150 mm

KL - 8017
VELVET OAT 

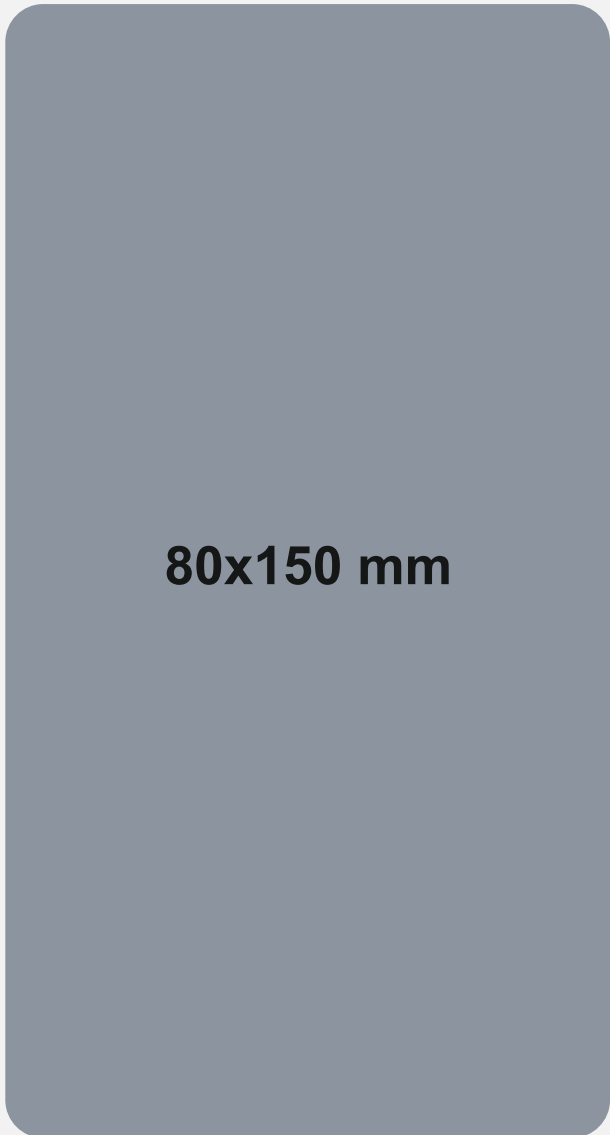




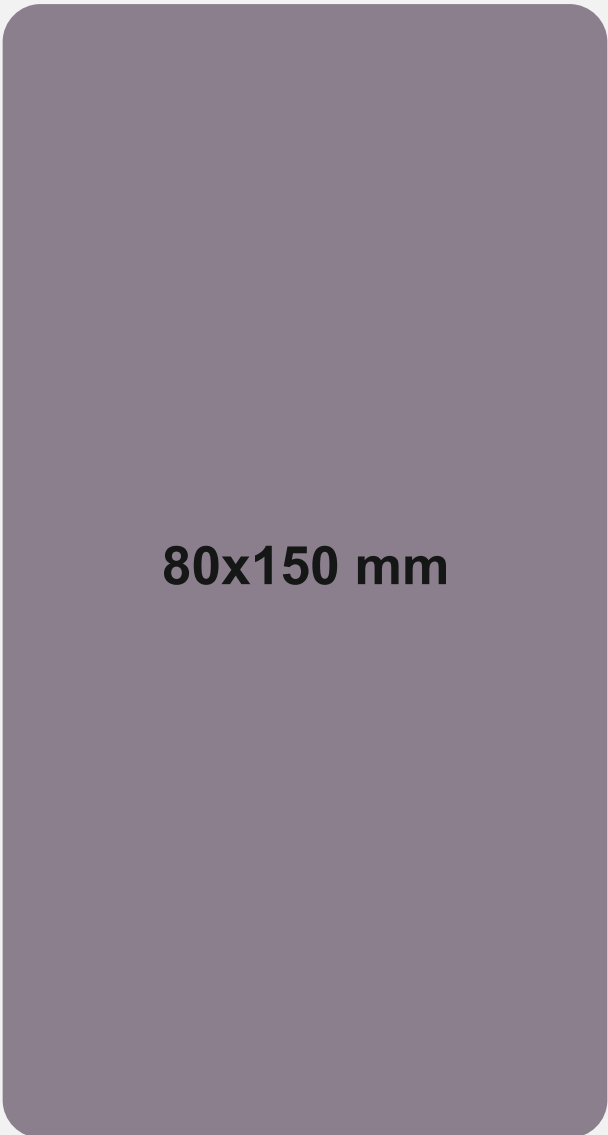
 KL - 8009
FERNWOOD



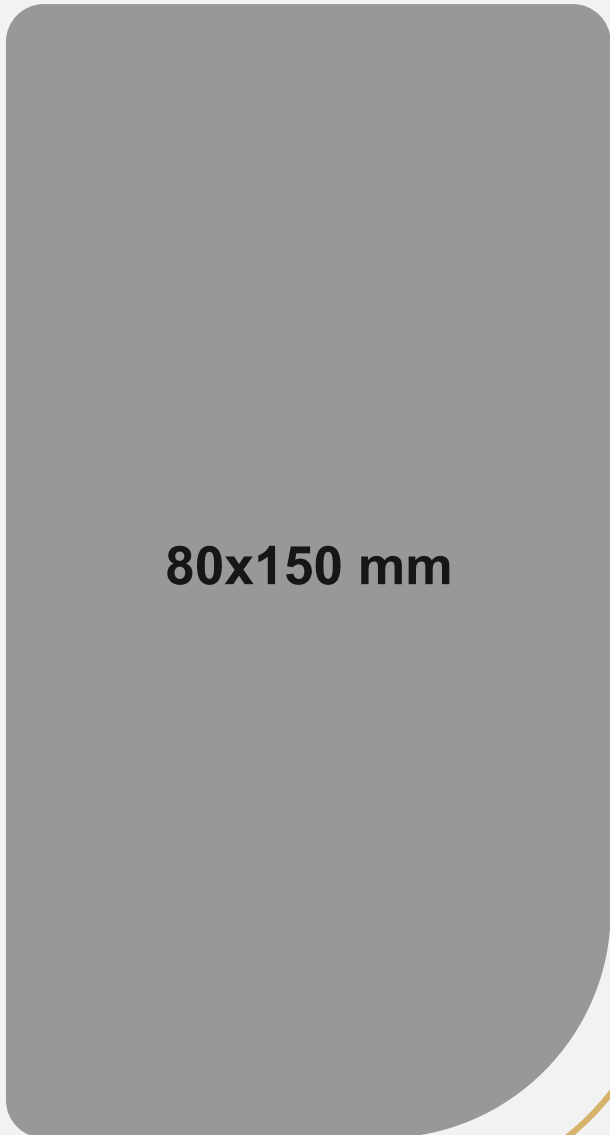
 KL - 8011
CYPRESS



 KL - 8010
IRON HARBOR



 KL - 8012
HEATHER VEIL



 KL - 8004
STONE QUARRY



LIVE MORE **BEAUTIFULLY**

DESIGNING ENDLESS
POSSIBILITIES



WARM TONES
CREATE COMFORT

Pure color harmony defining
 sophisticated contemporary
 living beautifully.

ENRICH DAILY **LIVING**


 KL - 8014
 ORCHID DUST


 KL - 8015
 CLAY PETAL

80x150 mm

80x150 mm

80x150 mm

80x150 mm


 KL - 8016
 COTTON VEIL


 KL - 8013
 CEDAR BARK

BUILDING INTERIOR **EXCELLENCE**



80x150 mm



KL - 4101
FROST BLUE



80x150 mm



KL - 4102
HONEY DUNE



80x150 mm



KL - 4103
RUSTIC EMBER



80x150 mm



KL - 4104
MOONSTONE



80x150 mm



KL - 4105
OYSTER WHITE

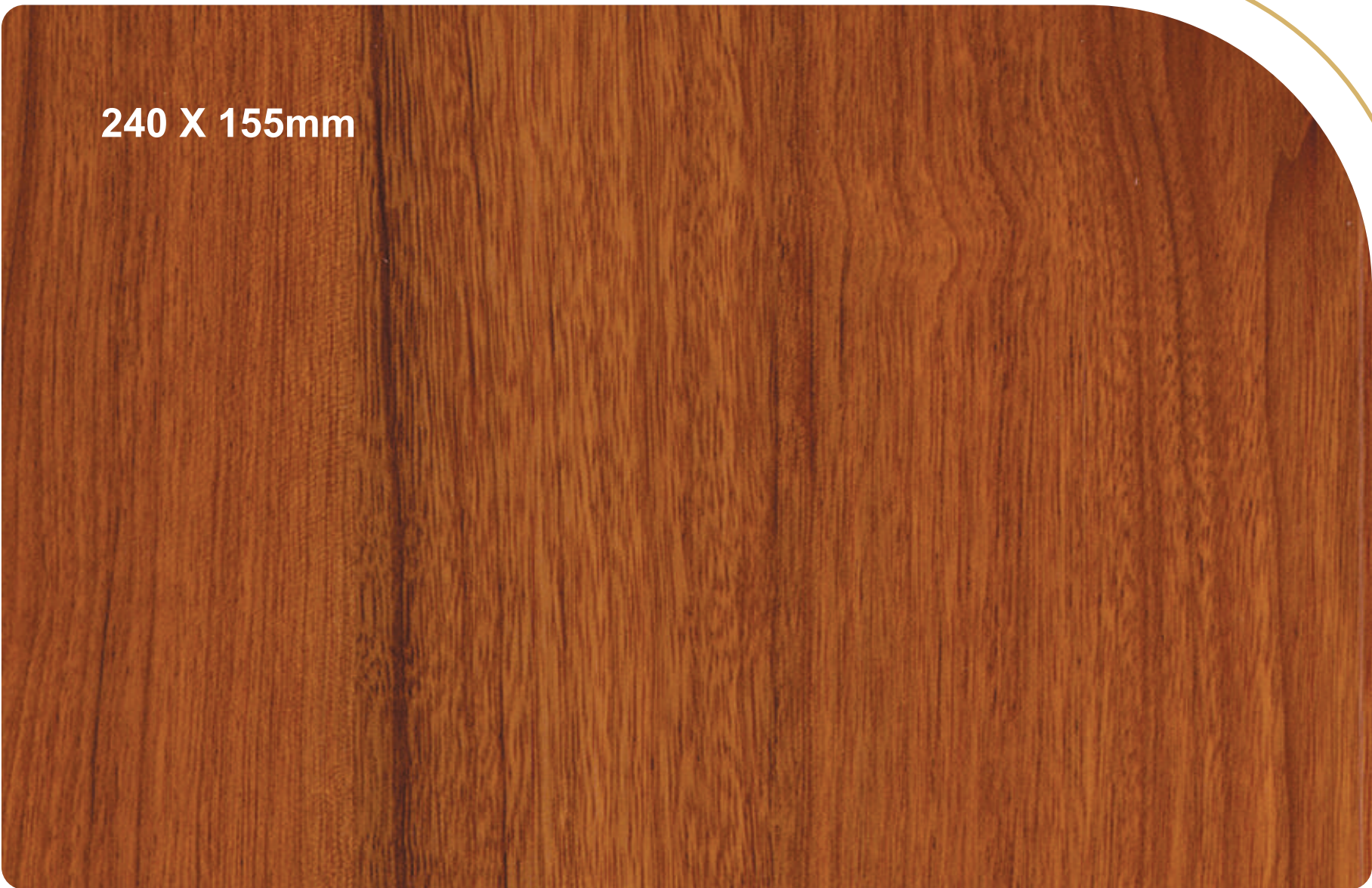
ENDLESS
BEAUTY
INSPIRATION

Reflective surfaces create
distinctive spaces through
effortless modern elegance.

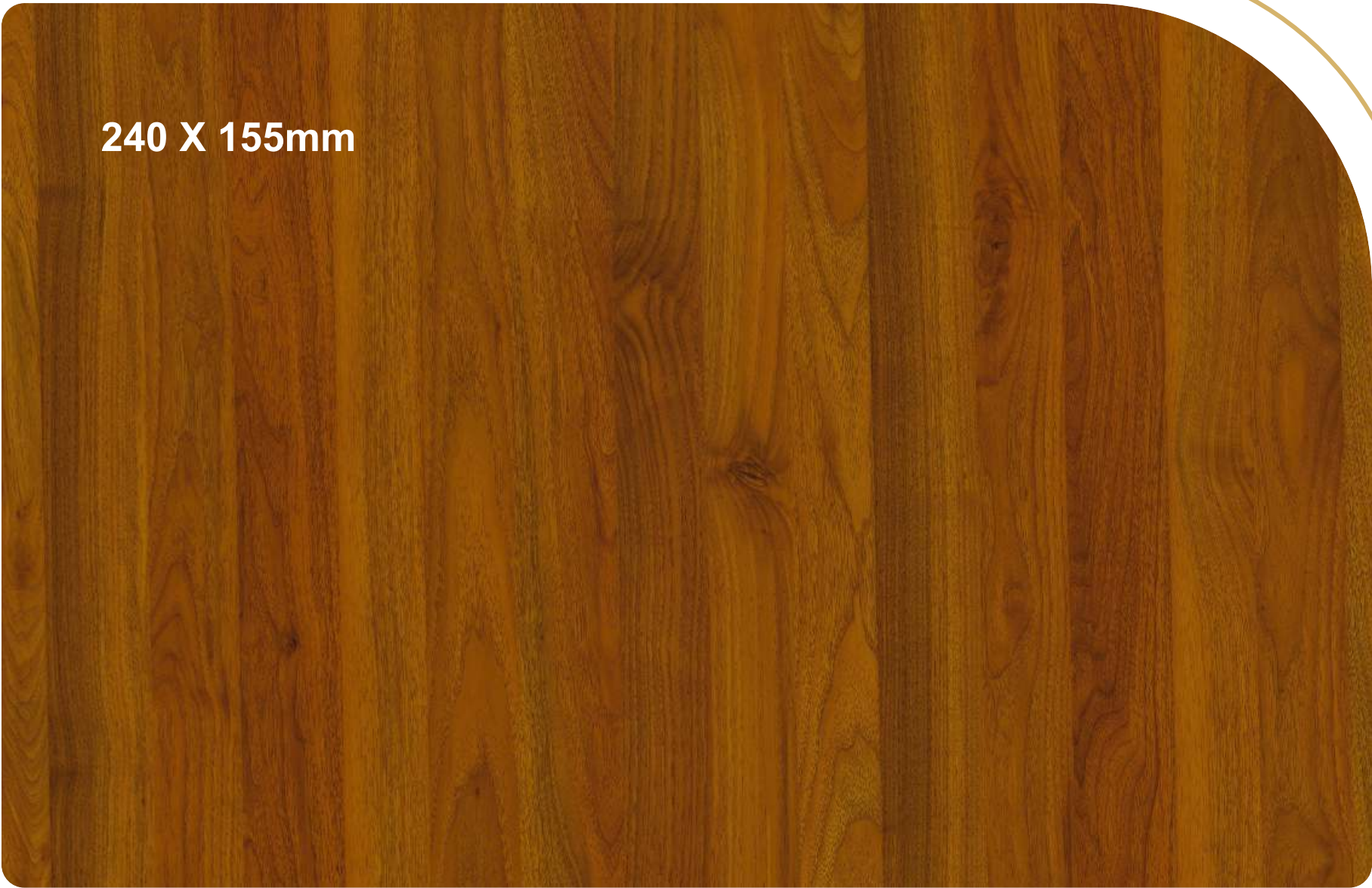


ELEVATED REFINED
BRILLIANCE

TIMELESS SURFACE STORIES



KL - 5101
HERITAGE TEAK



KL - 5102
VINTAGE CEDAR

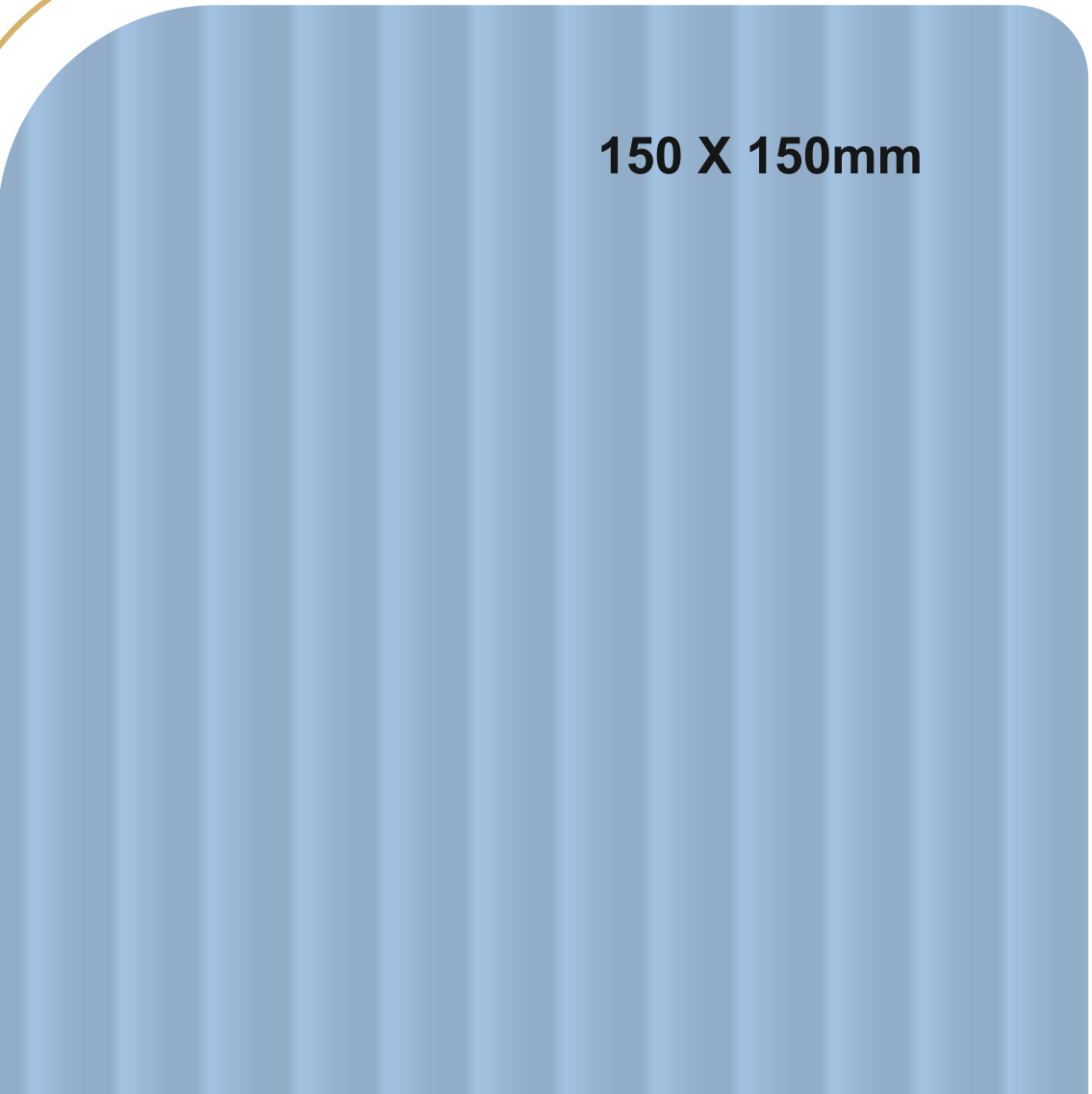
THINK BEYOND
BOUNDARIES



NATURE BRINGS
PURE ELEGANCE

Inspired by skies crafted for modern living.

KL - 6005
ICE BLUE



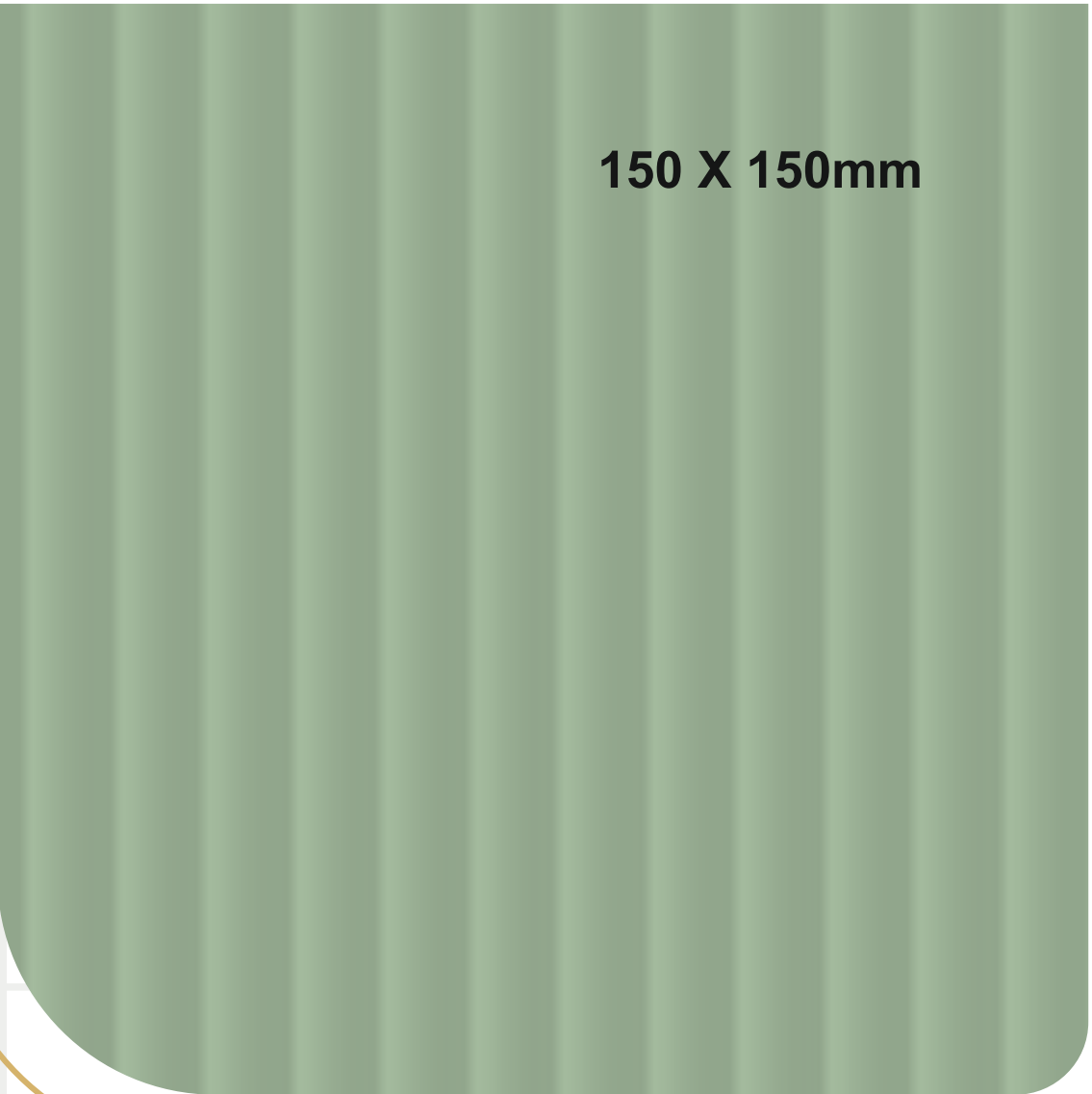
150 X 150mm

KL - 3036
SKY BLUE



80 X 150mm

KL - 6003
PISTACHIO



150 X 150mm

KL - 3029
OLIVE LEAF



80 X 150mm

RADIANCE CRAFTS GREATNESS

KL - 6001
MIST WHITE

KL - 6002
TURKISH ROSE

110 X 200mm

110 X 200mm

110 X 80mm

110 X 80mm

KL - 3001
SMOKE WHITE

KL - 3028
VINTAGE ROSE



FEEL PURE INSPIRATION

ELEGANCE SHAPES
WELLBEING



KL - 6004

KL - 6006

KL - 6004
DOVE GREY

KL - 6006
ACOM BROWN

150 X 150mm

80 X 150mm

KL - 3026
ICE GREY

KL - 3023
SOFT PEACH

150 X 150mm

80 X 150mm

 KL - 6007
IRON GREY

KL - 6008
JET BLACK

110 X 200mm

110 X 200mm

110 X 80mm

110 X 80mm

 KL - 3002
STEEL GREY

KL - 3035
BLACK



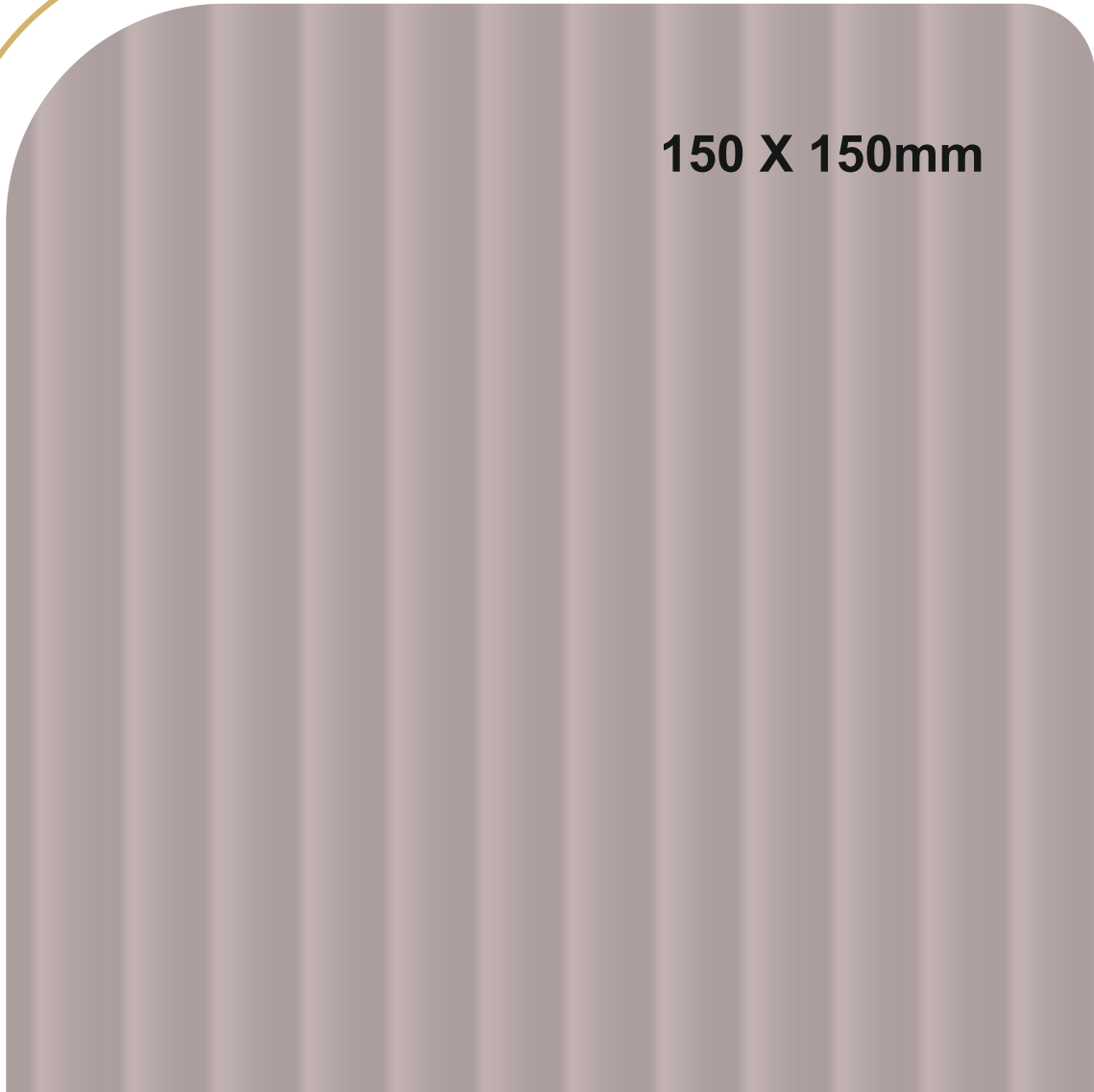


SURFACES CREATE
SMILES

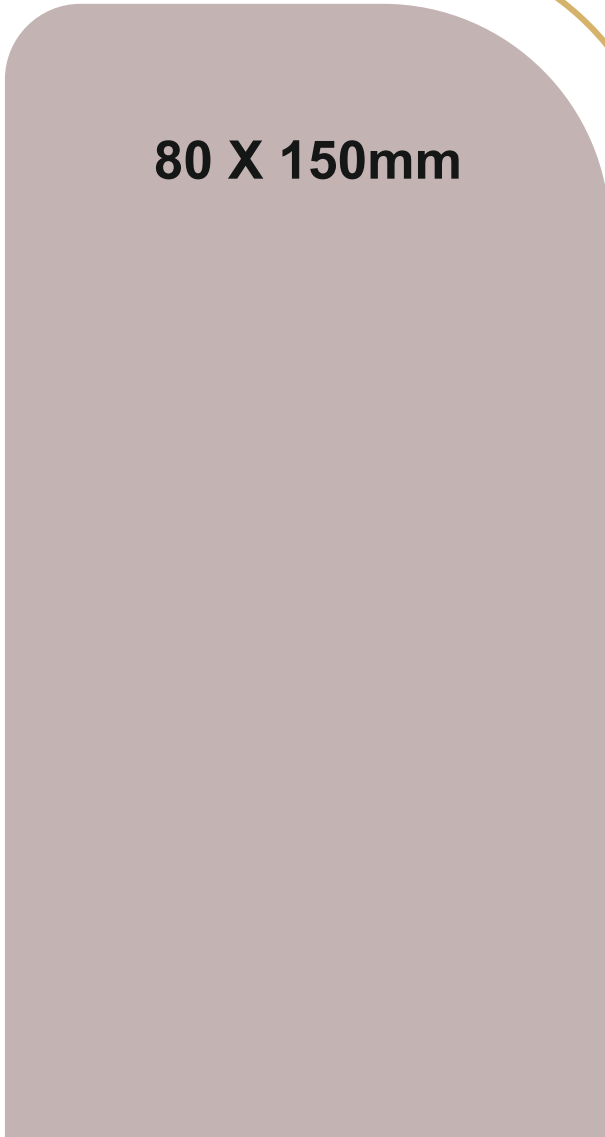


DESIGN MEETS DELIGHT

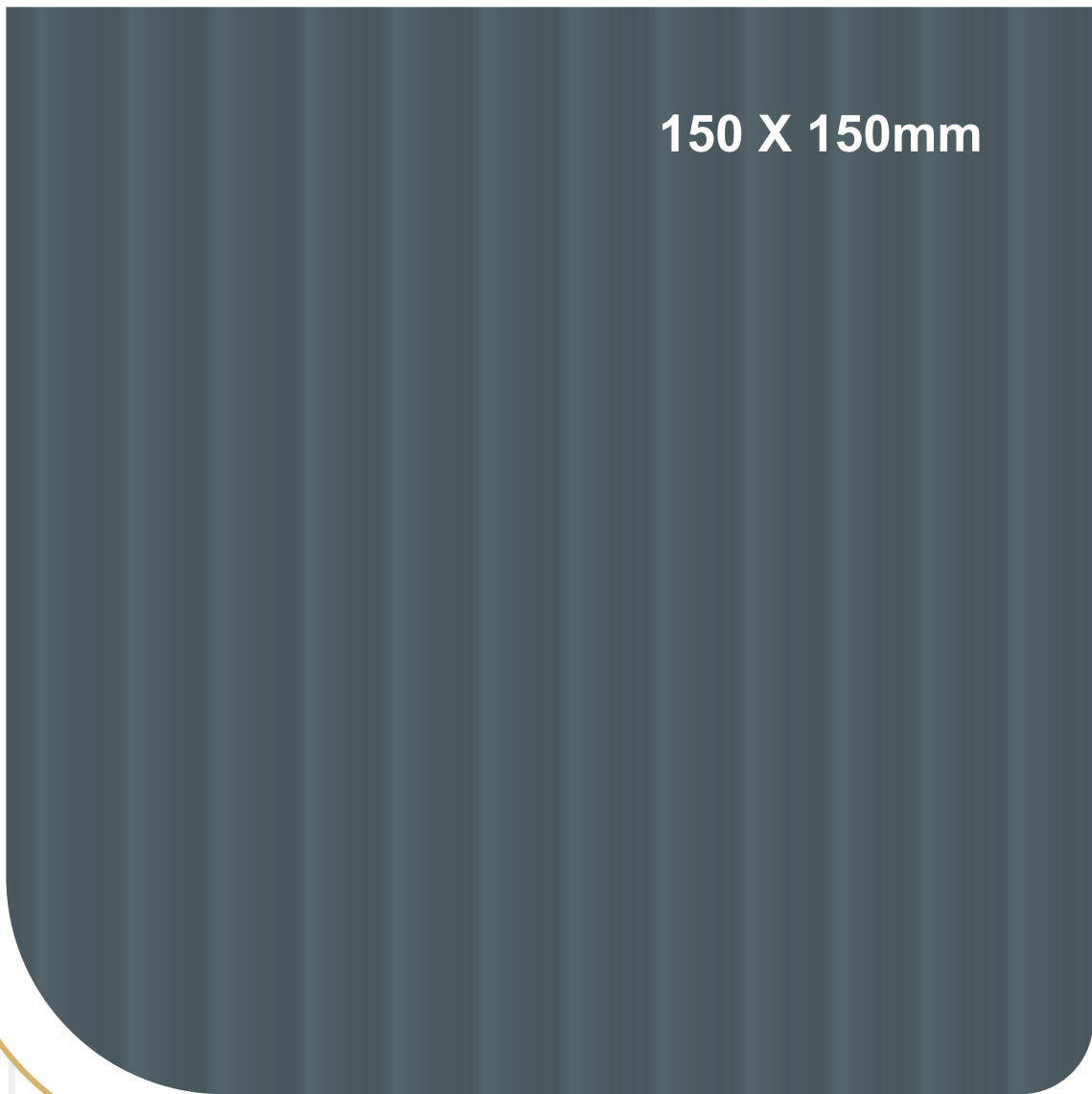
KL - 6009
VELVET GREIGE



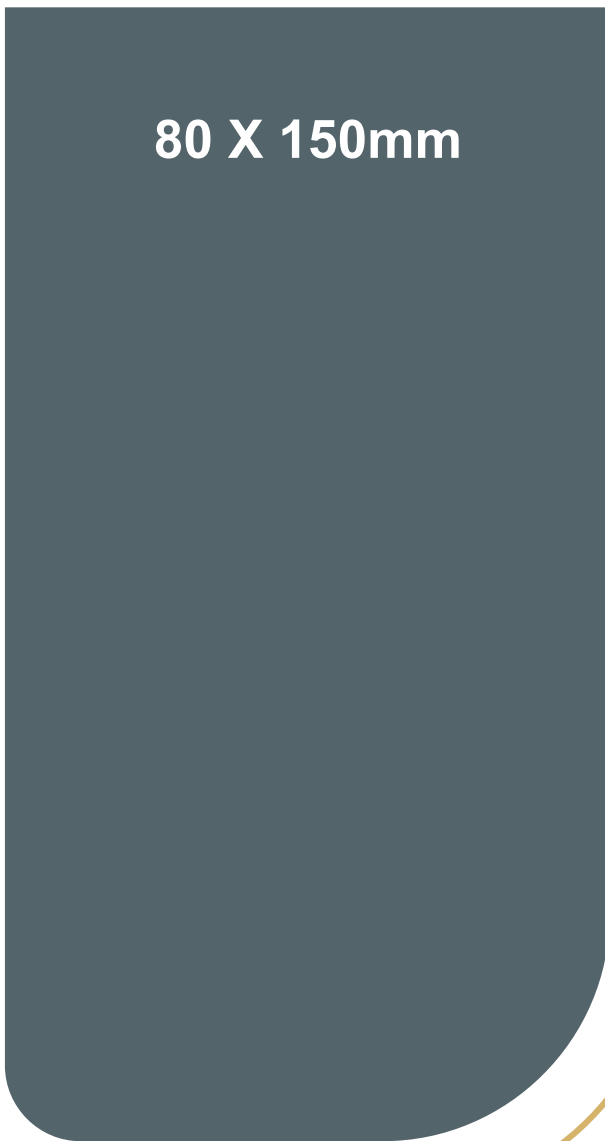
KL - 3047
BLUSH MIST



KL - 6010
IRON MIST



KL - 3050
MOSS GREY



CRAFTED FOR COMFORT

115 X 300mm

KL - 7005
LAGUNA STONE



KL - 7005

120 X 160mm

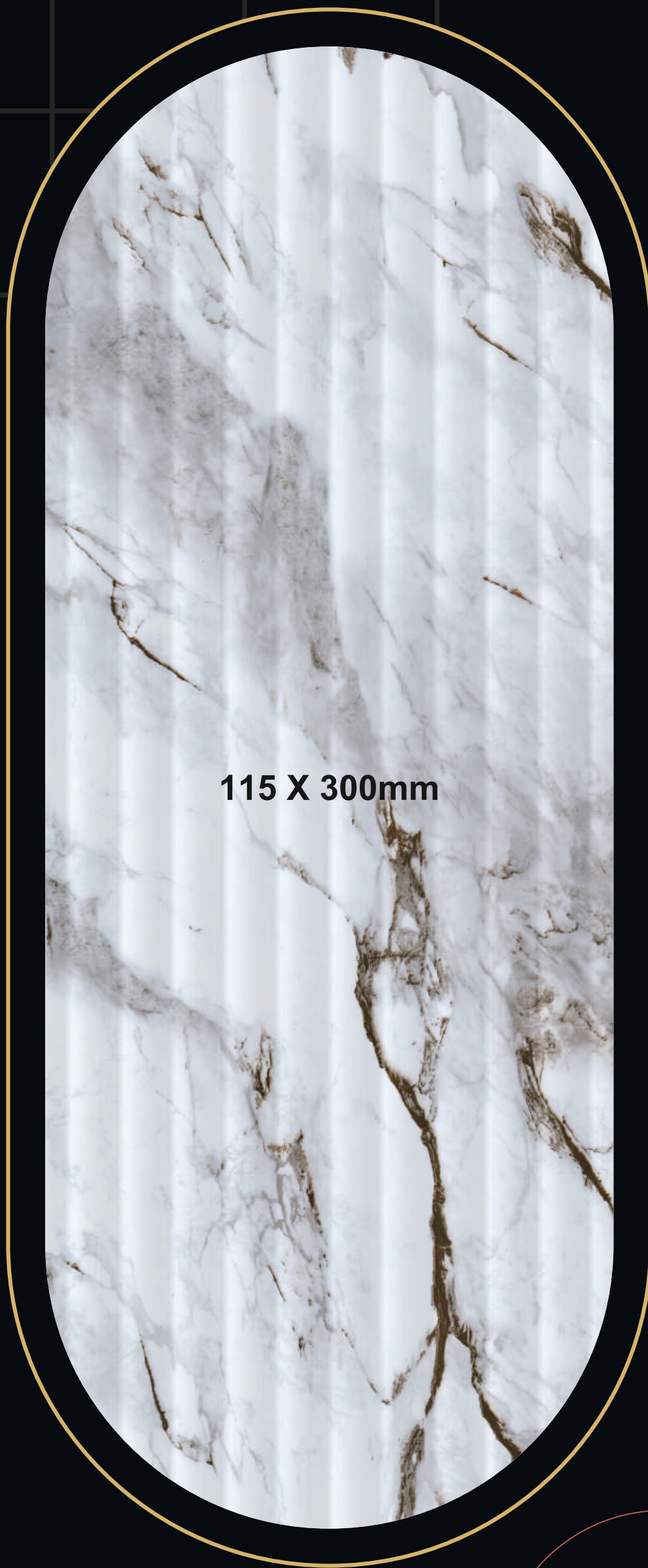
KL - 7002
CARRARA WHITE

120 X 160mm

KL - 7003
GREY EMPRADOR

COLOURS CREATE
CONNECTIONS





115 X 300mm

 KL - 7004
ALPINE BIANCA

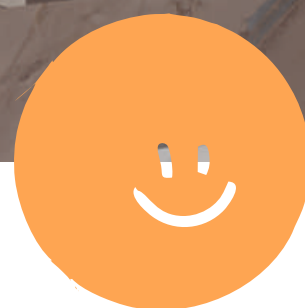
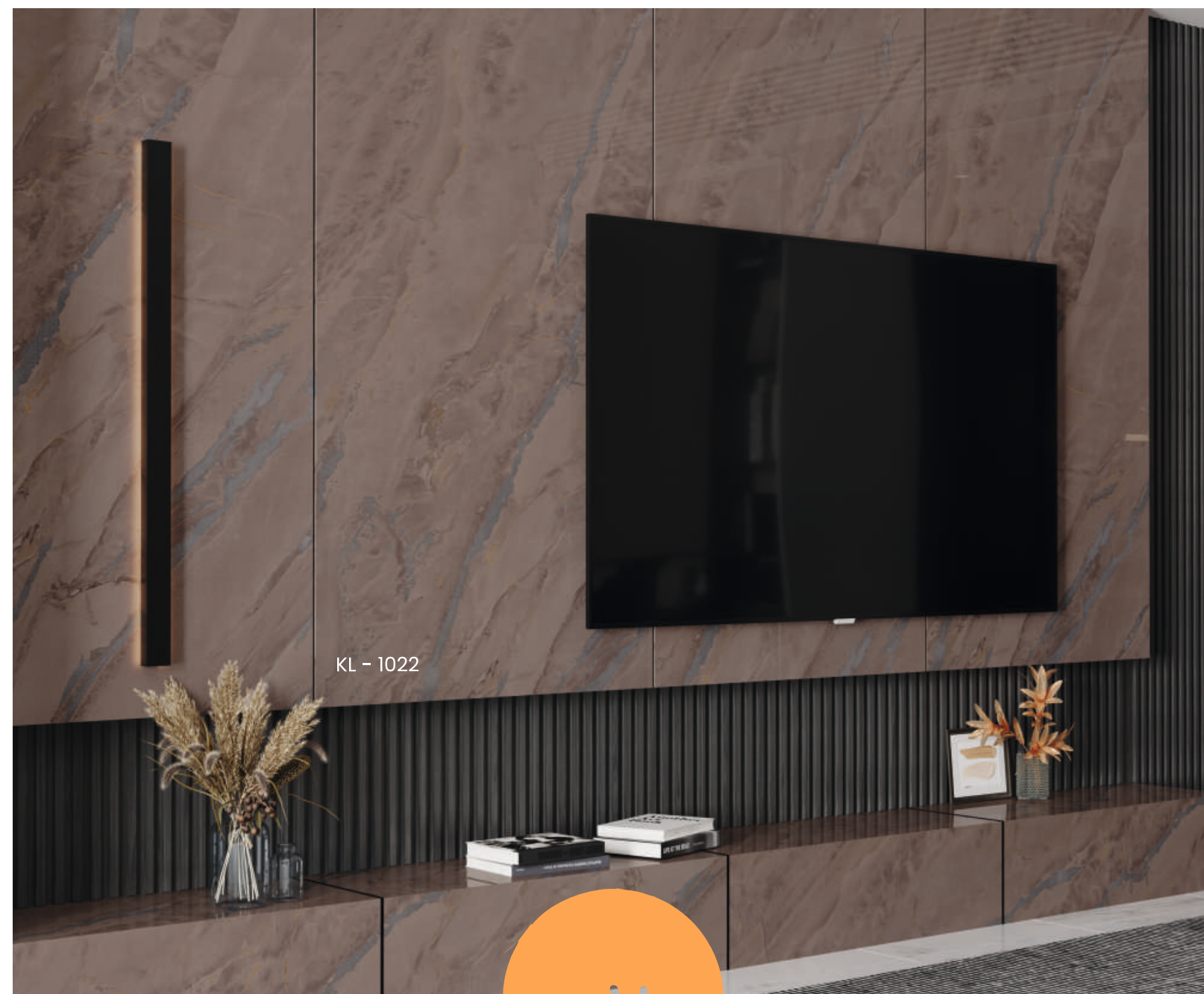


115 X 300mm

 KL - 7006
TERRA BRONZE



KL - 7006



Nature sculpted marble expressing timeless elegance through distinctive textures.

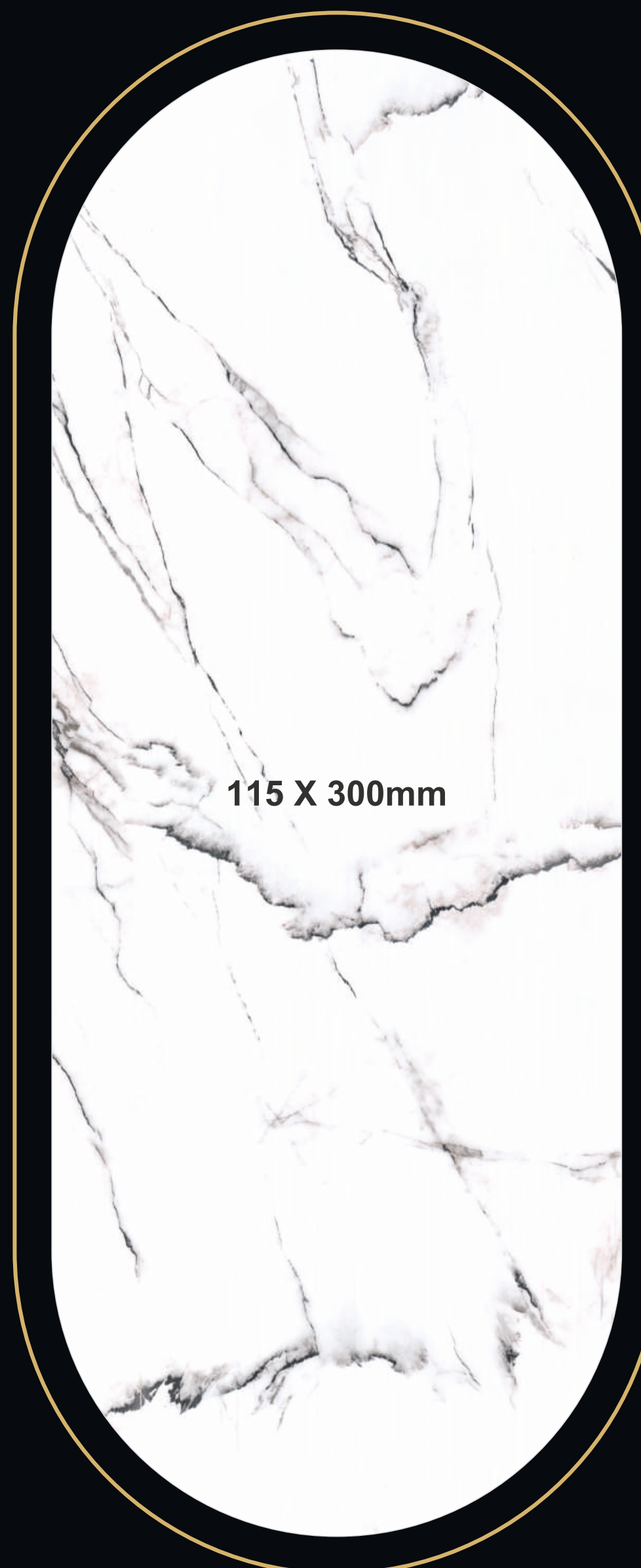
marble

ANTI-
SCRATCH

Anti Yellow

Scratch Resistant

Fade Proof



KL - 1023
SNOW VEIN



KL - 1022
TERRA RIFT



TEXTURES INSPIRE **LIVING**

ELEGANCE FEELS
NATURAL

 ANTI-
SCRATCH

 Anti Yellow |  Scratch Resistant |  Fade Proof

240 X 155mm



KL - 1018
CREMA AURA

240 X 155mm



KL - 1019
IMPERIAL BIANCA



200 X 300mm

SURFACES SHAPE MEMORIES

THE
ELEGANT



KL - 1020
ARCTIC FLOW

KL - 1020



115 X 300mm

115 X 300mm

 KL - 1021
AZURE QUARTZ

 KL - 1024
SAHARA MIST

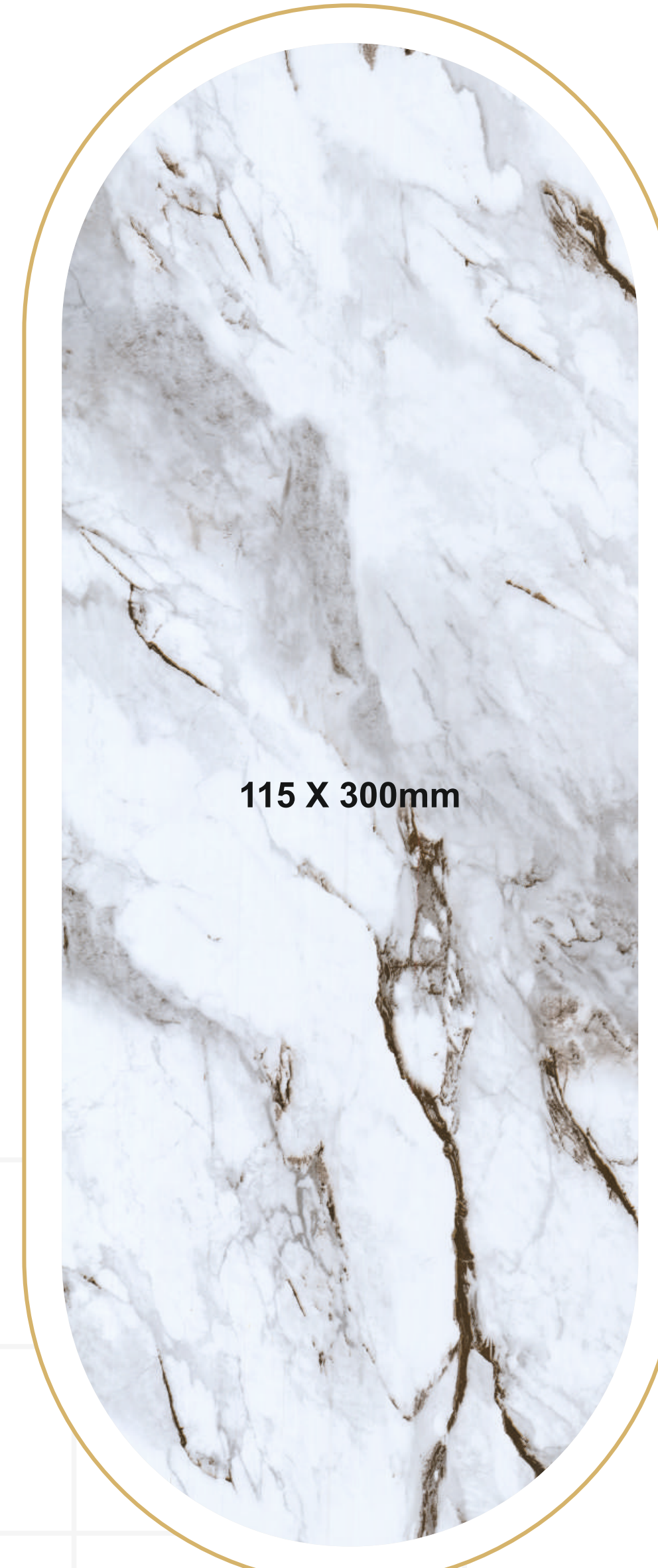
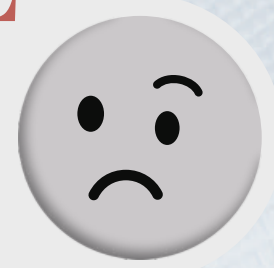


CREATING BEAUTIFUL MEMORIES

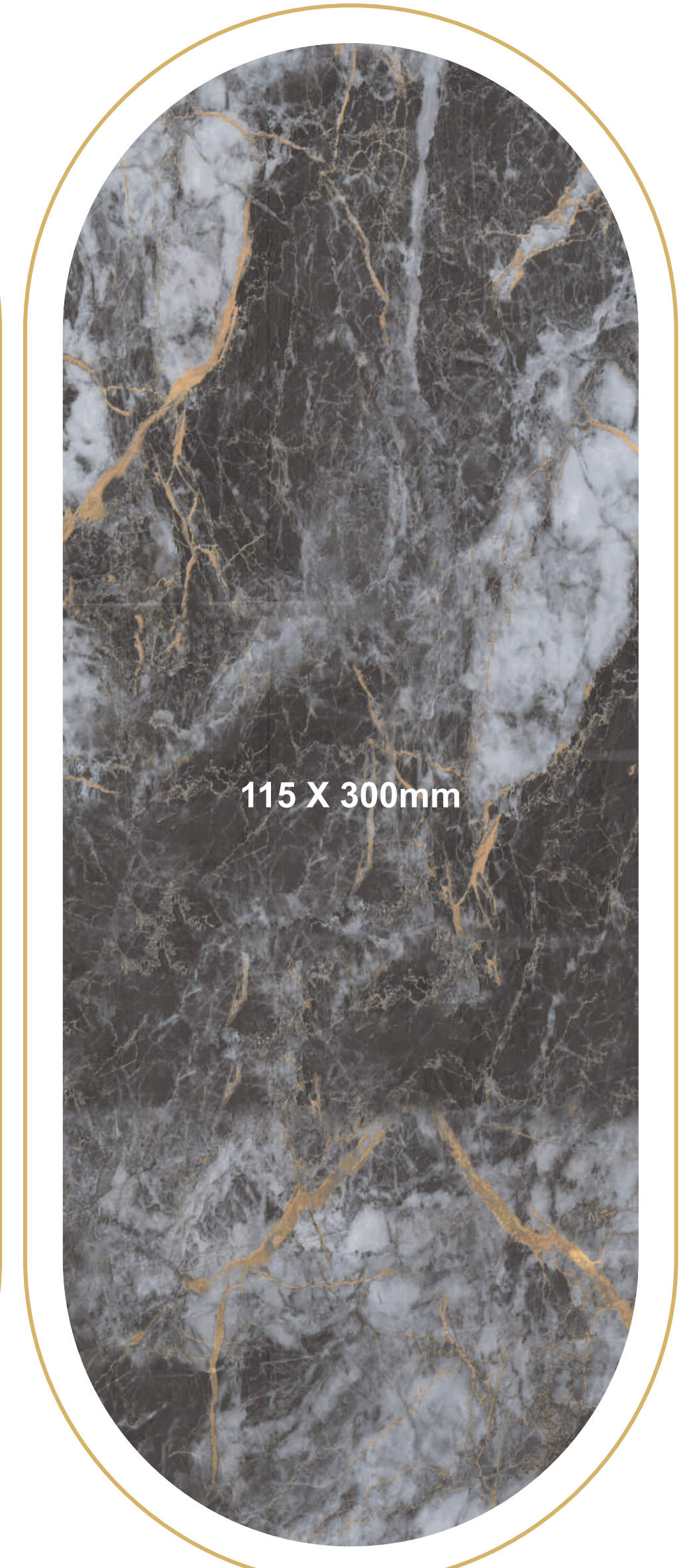
Natural stone luxury reimagined
through exquisite marble artistry.



**EVERY SPACE
FEELS SPECIAL**



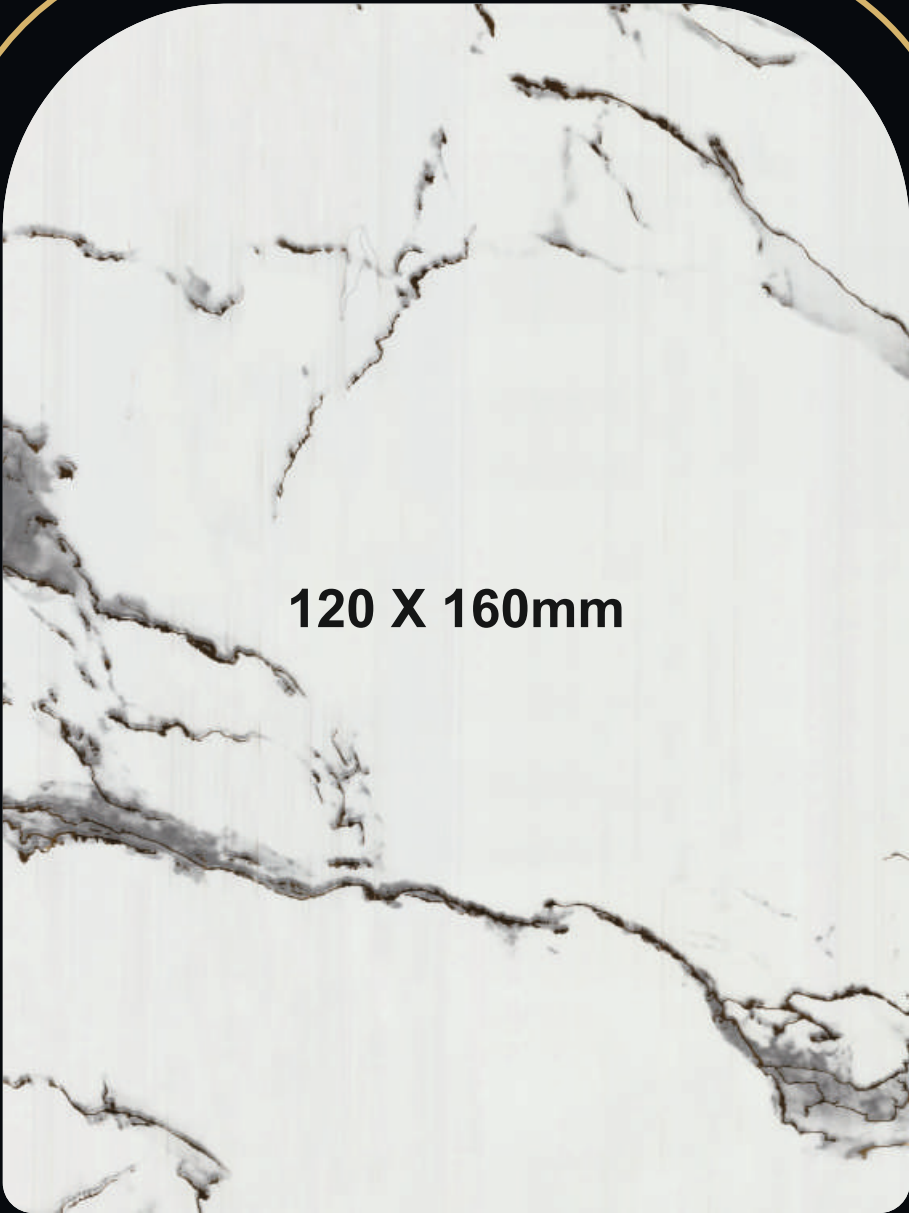
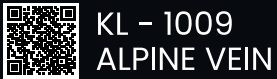
 KL - 1025
WHITE OPULENCE



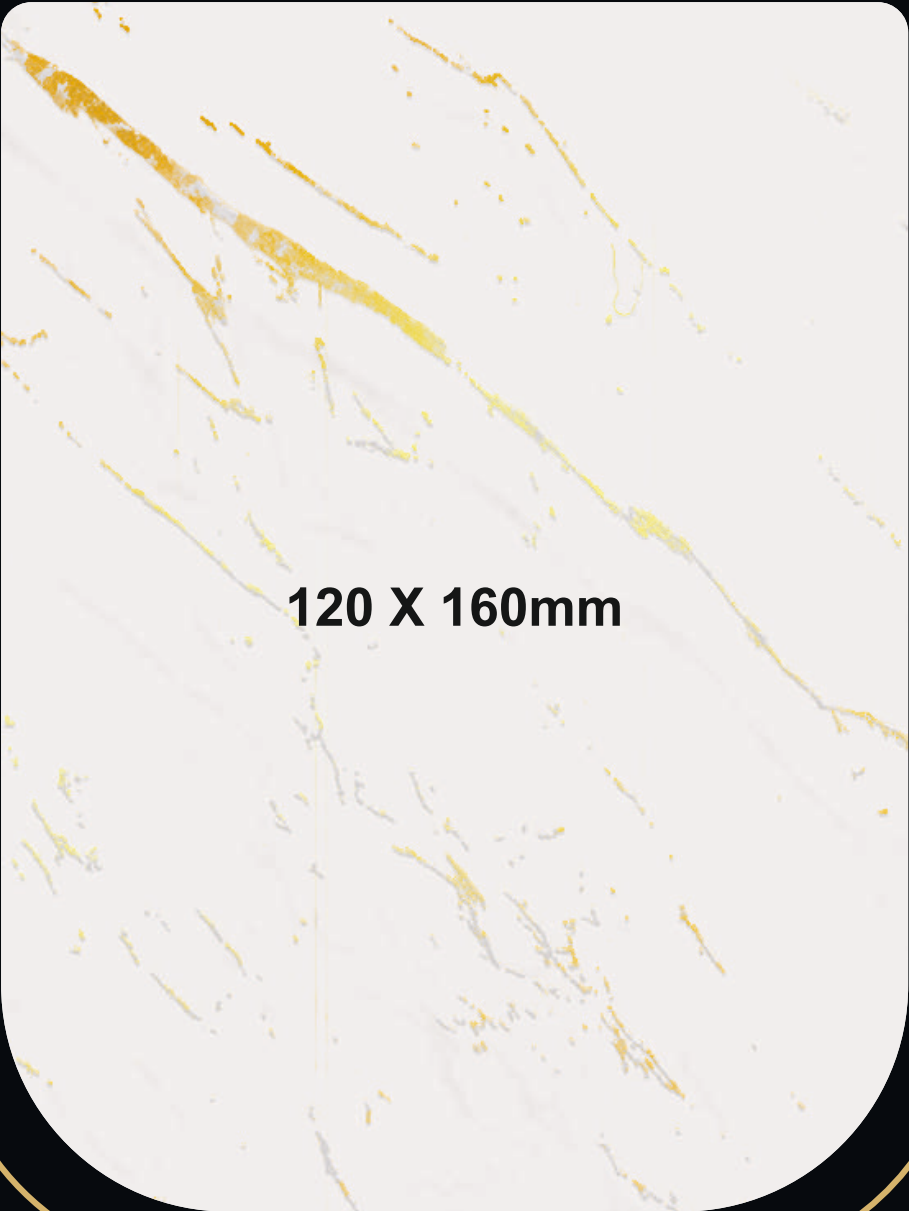
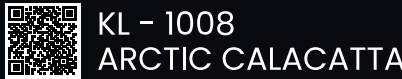
 KL - 1026
GRAPHITE LUXE



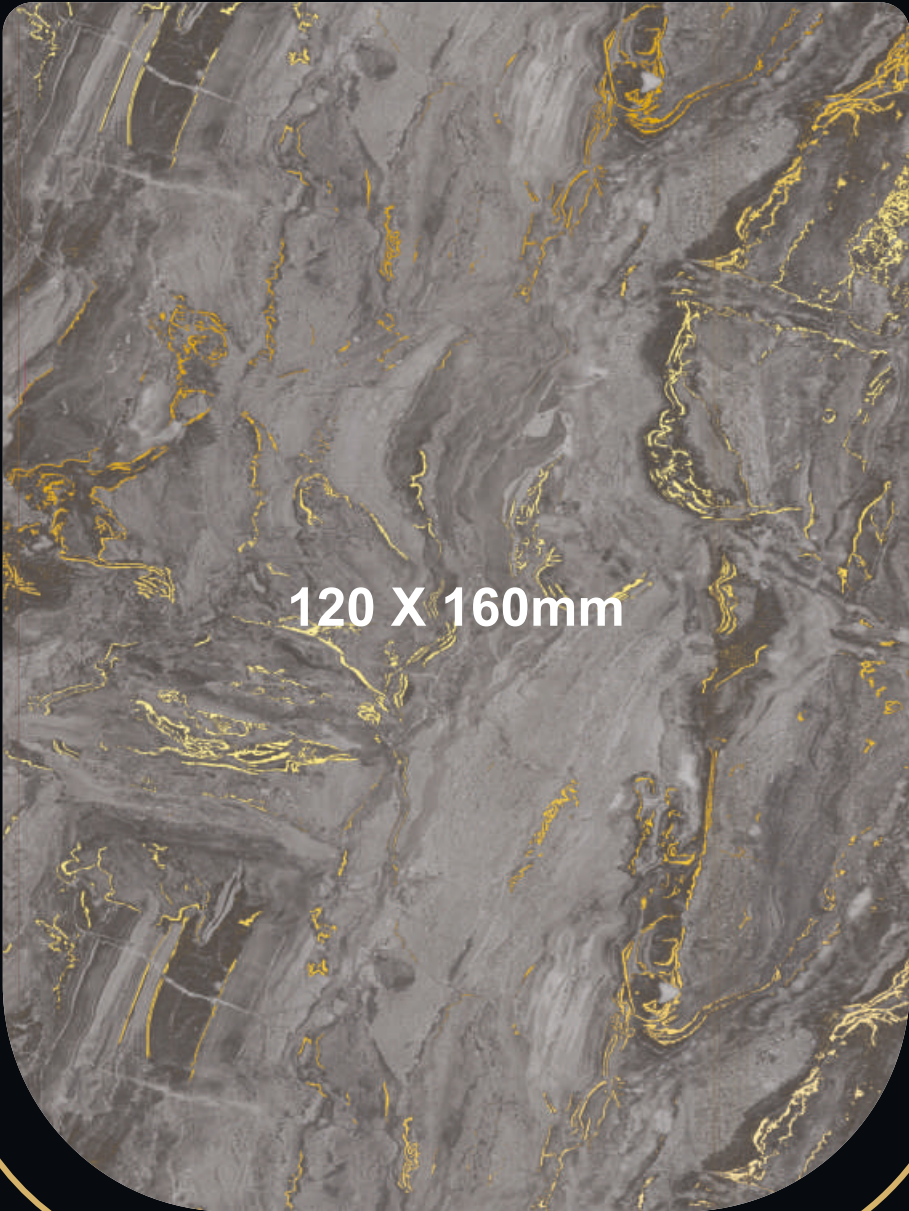
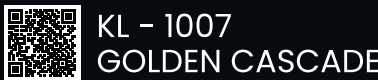
120 X 160mm



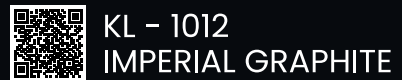
120 X 160mm



120 X 160mm



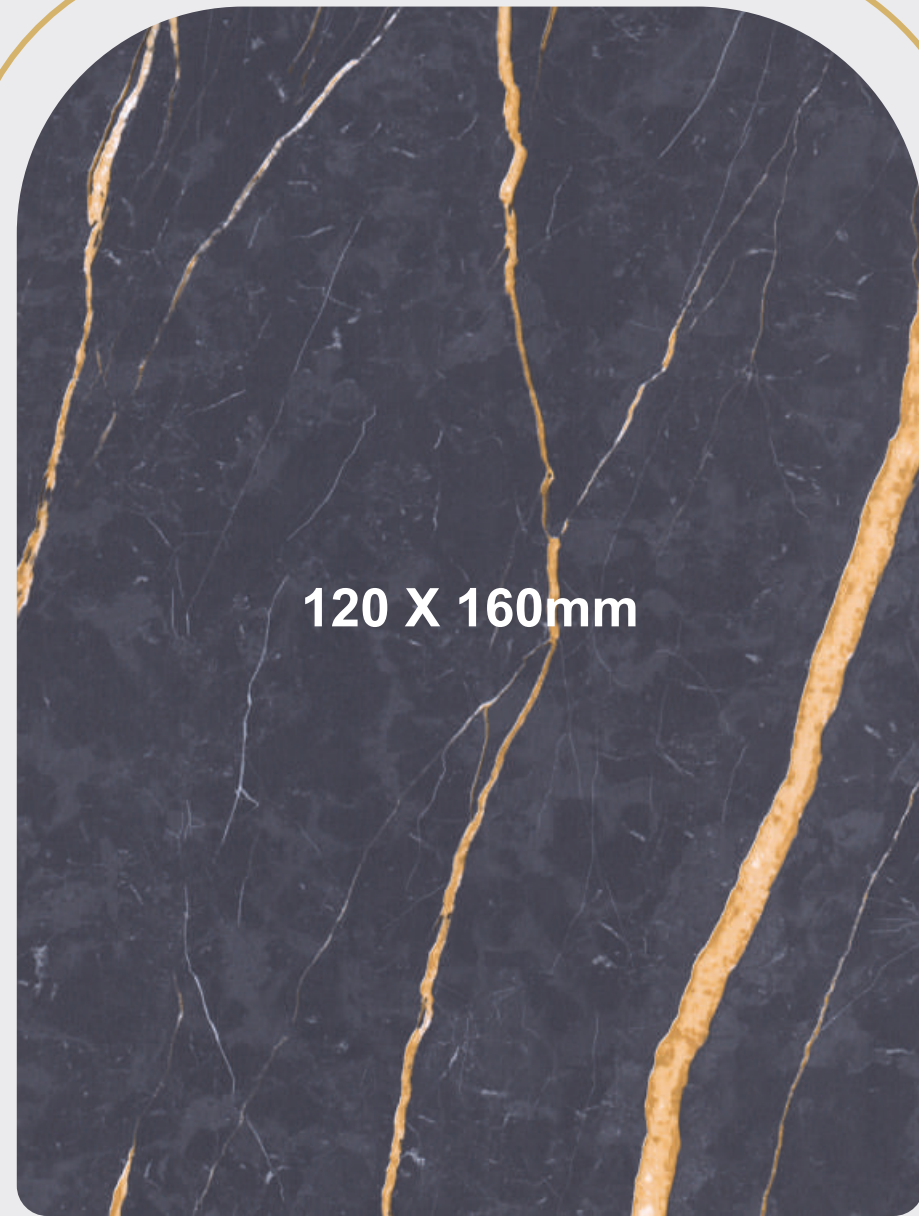
120 X 160mm





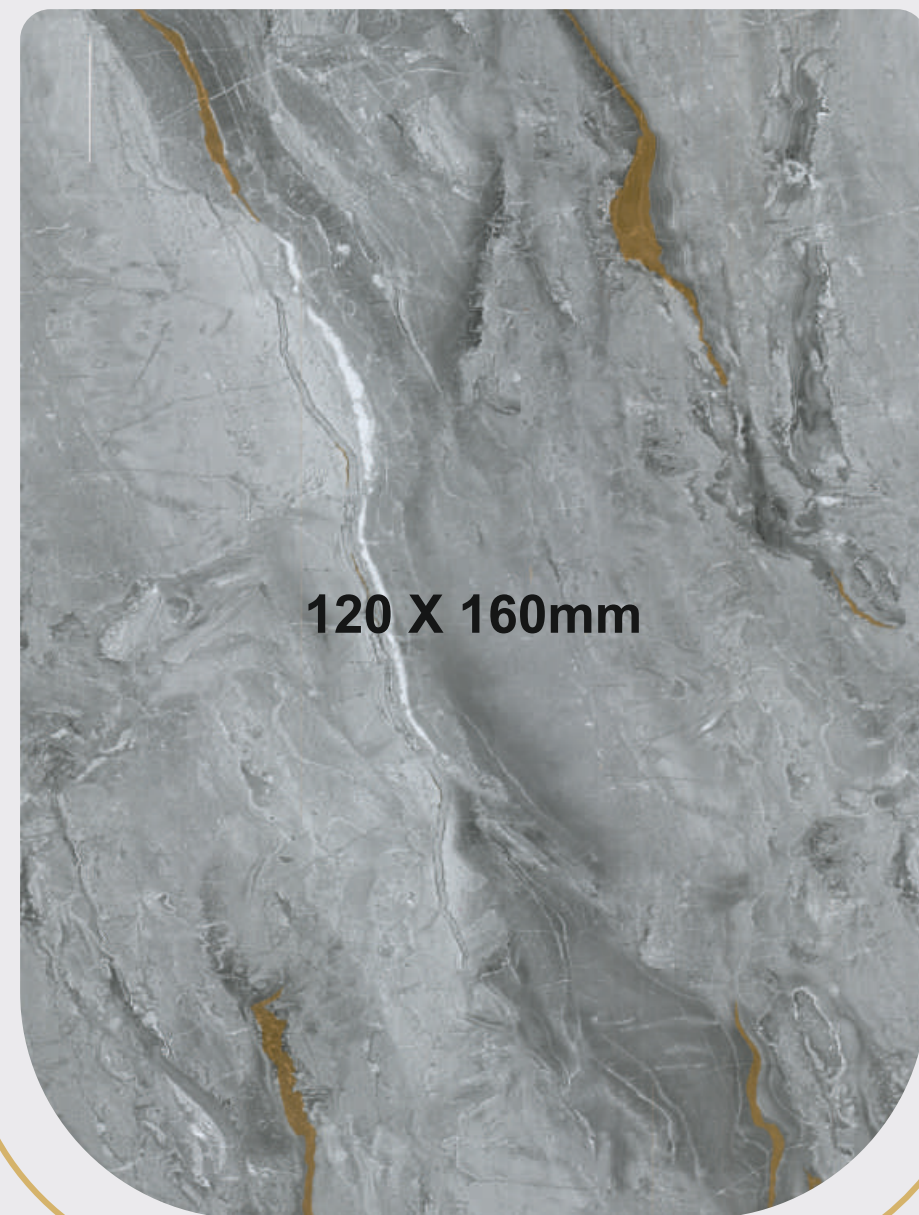
120 X 160mm

 KL - 1013
MIDNIGHT SLATE



120 X 160mm

 KL - 1014
NOIR CALACATTA



120 X 160mm

 KL - 1001
GLACIER MIST



120 X 160mm

 KL - 1010
SNOW ETCH



KL - 1014

REAL BEAUTY
NEVER FADES

CRAFTING INSPIRED INTERIORS

 KL - 3006
ARCTIC WHITE

 KL - 3001
SMOKE WHITE

80x150 mm

80x150 mm

80x150 mm

80x150 mm

 KL - 3007
PURE WHITE

 KL - 3022
VANILLA GOLD





80x150 mm

KL - 3003
VANILLA CREAM

80x150 mm

KL - 3004
IVORY SILK

80x150 mm

KL - 3021
CLASSIC WHITE

80x150 mm

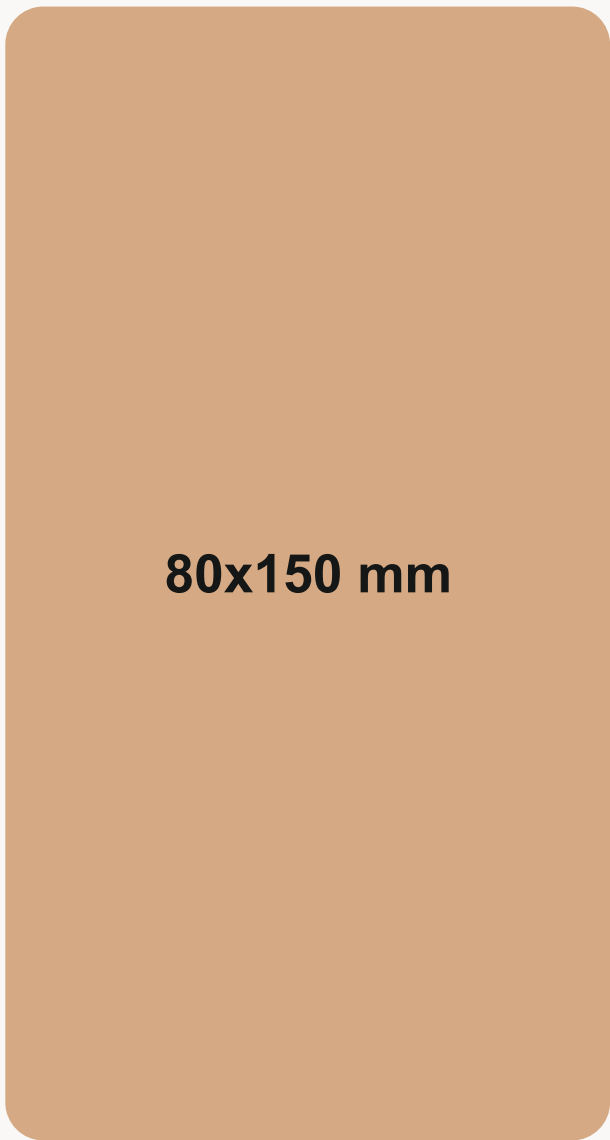
KL - 3040
IVORY MIST

80x150 mm

KL - 3023
SOFT PEACH

80x150 mm

KL - 3025
SAND DUNE



80x150 mm

KL - 3014
GOLDEN SAND



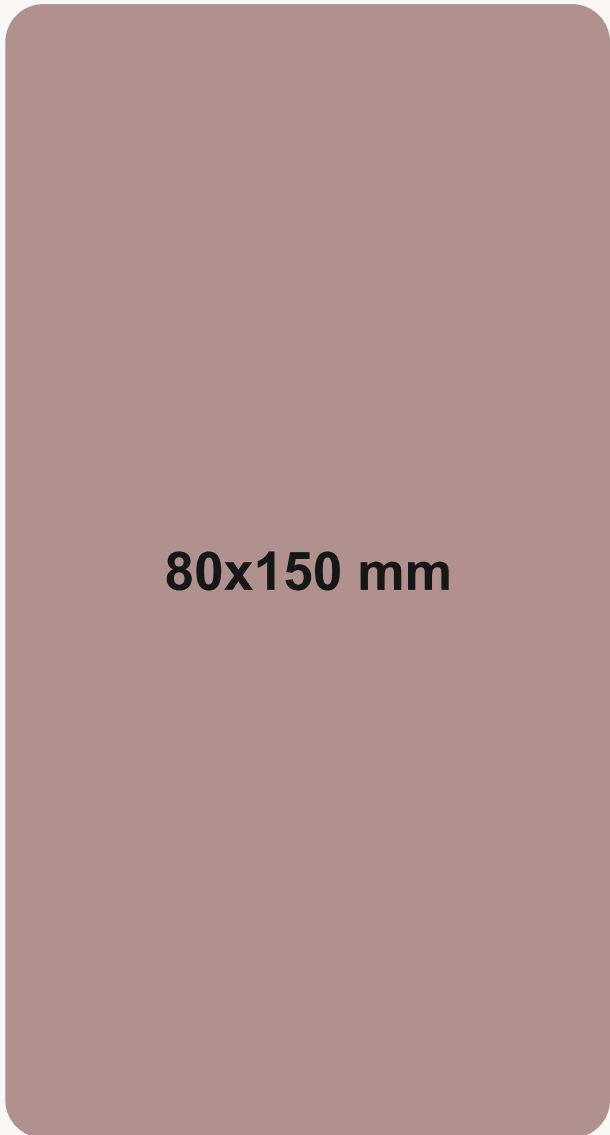
80x150 mm

KL - 3024
TAUPE BROWN



80x150 mm

KL - 3005
EARTH BROWN



80x150 mm

KL - 3017
DUSTY ROSE



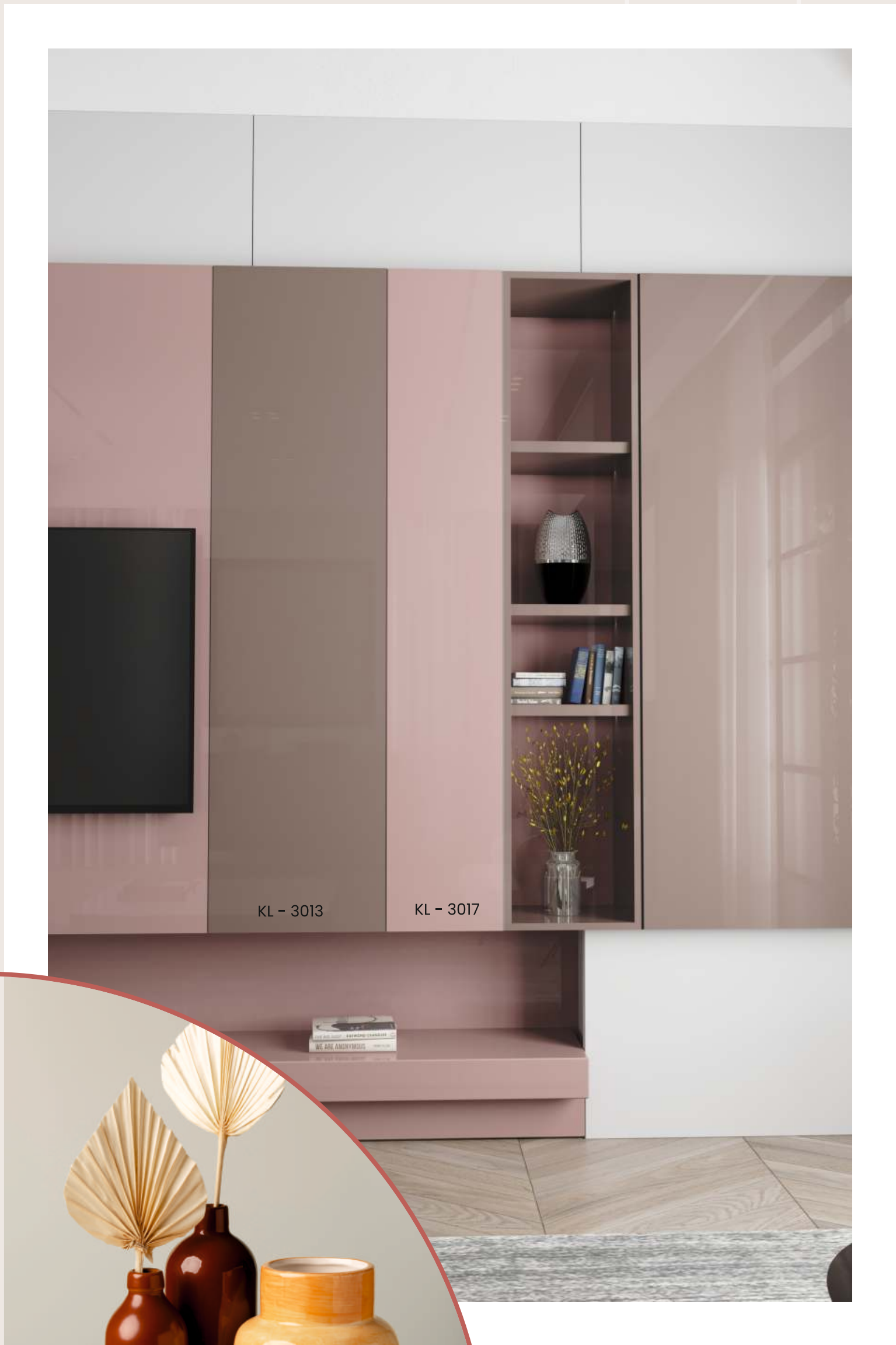
80x150 mm

KL - 3013
COCOA BROWN



80x150 mm

KL - 3020
SMOKE GREY



KL - 3013

KL - 3017

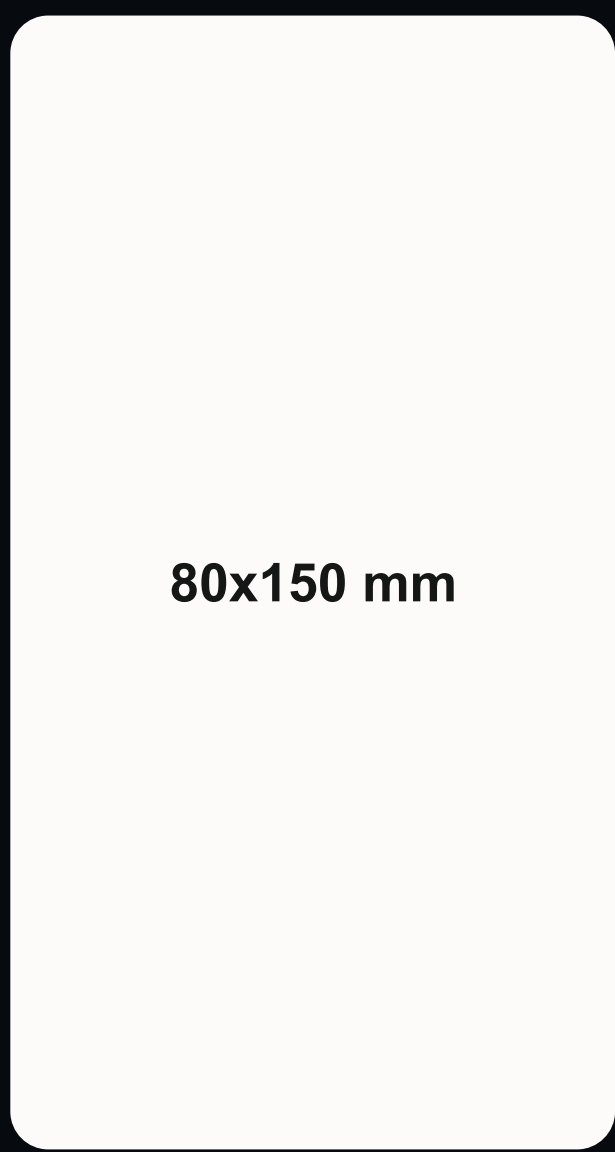
BOLD STYLE
MEETS GRACE

EXPLORE REFINED TEXTURES

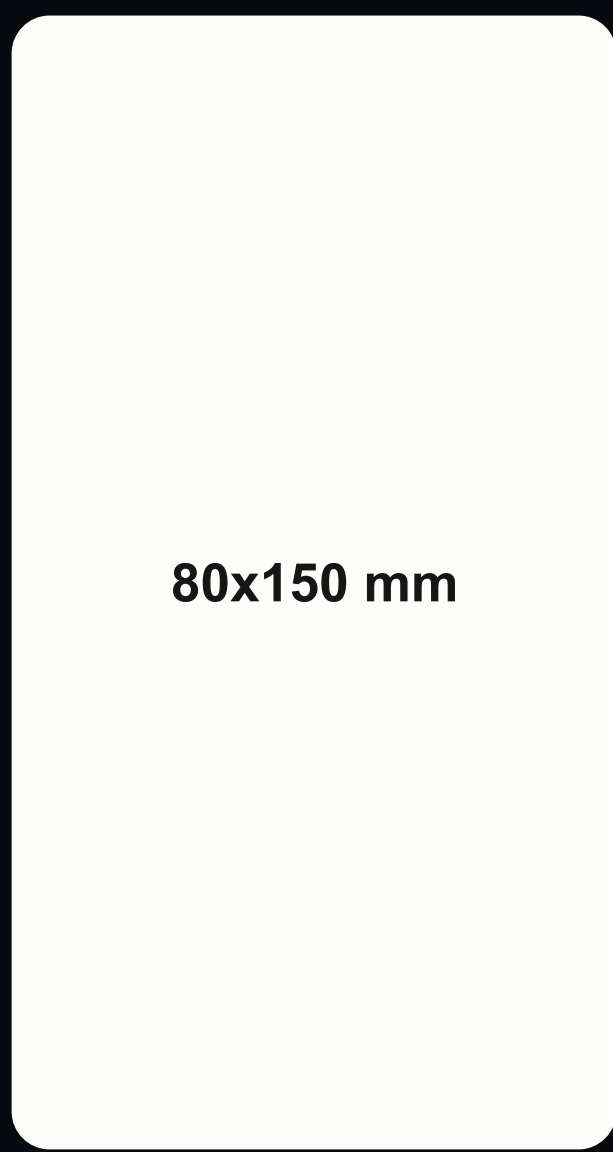


KL - 3015

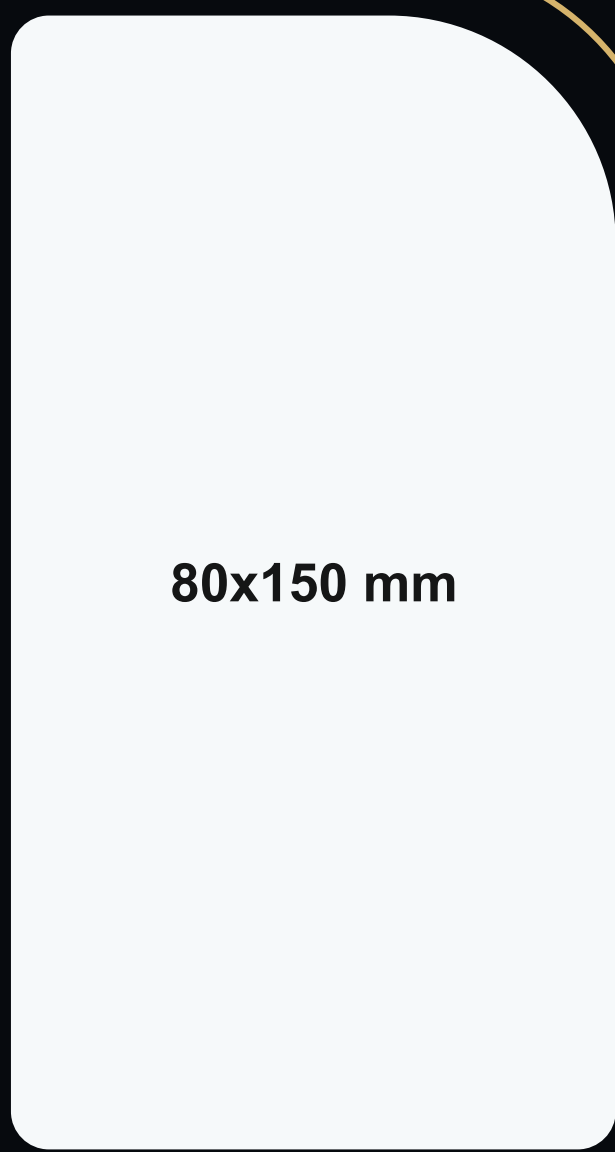
KL - 3036



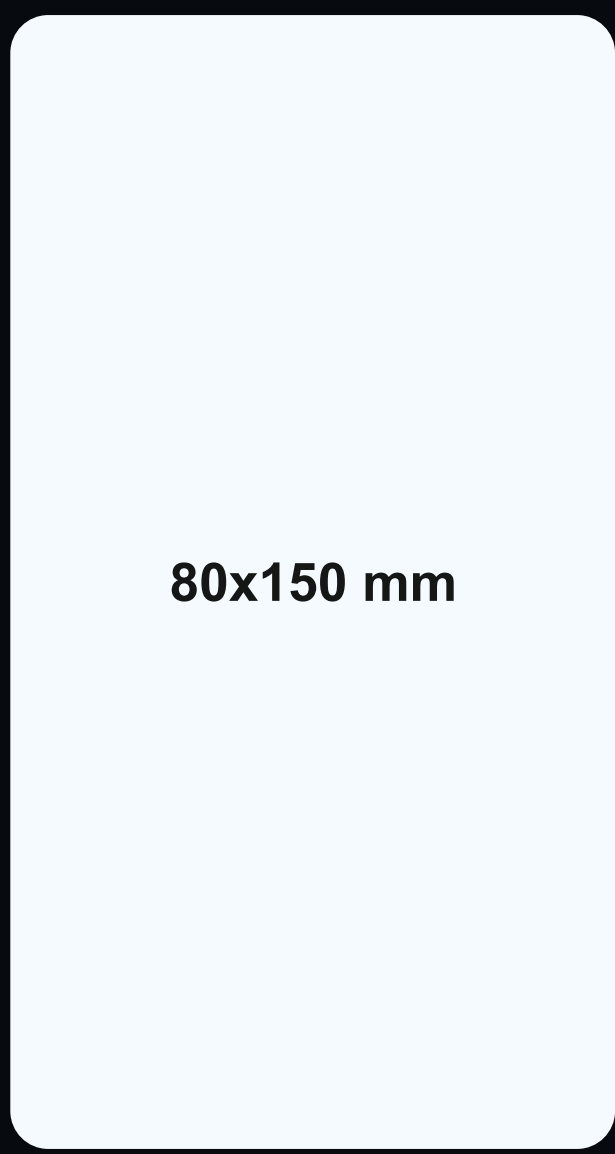
KL - 3044
SNOW WHITE



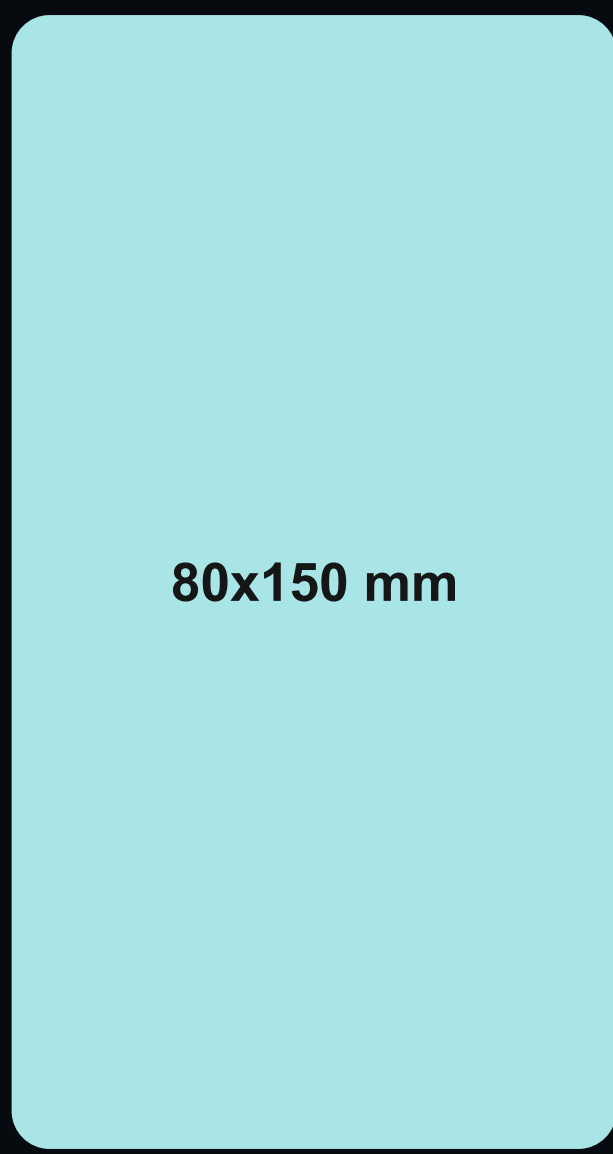
KL - 3015
RICE WHITE



KL - 3008
CLOUD WHITE



KL - 3009
FROST WHITE



KL - 3011
AQUA BLUE



KL - 3036
SKY BLUE



80x150 mm

KL - 3027
ARCTIC BLUE



80x150 mm

KL - 3056
BLUE SLATE



80x150 mm

KL - 3012
COASTAL BLUE



80x150 mm

KL - 3031
DEEP TEAL



80x150 mm

KL - 3030
LAGOON TEAL



80x150 mm

KL - 3032
OCEAN BLUE



DESIGN
WITH
DISTINCTION



FRESH IDEAS **SHAPE SPACES**

Mirror gloss enhancing soothing
nature inspired color palettes.

80x150 mm



80x150 mm



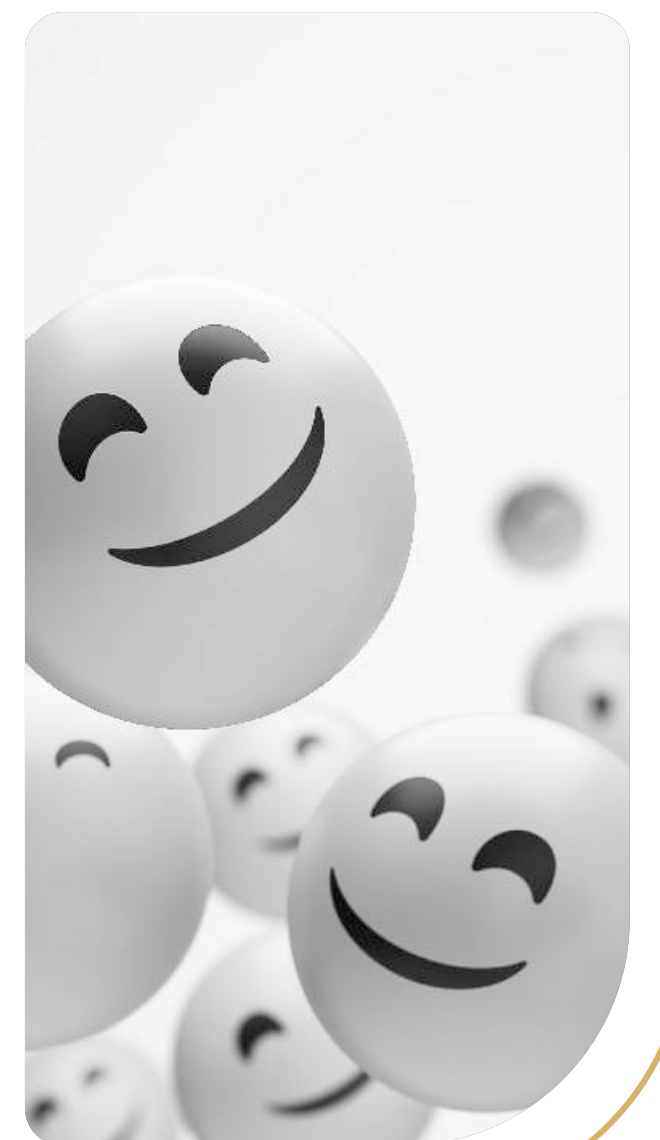
80x150 mm



80x150 mm



80x150 mm



KL - 3028
VINTAGE ROSE

KL - 3037
BLUSH PEARL

80x150 mm

80x150 mm

80x150 mm

80x150 mm

KL - 3034
ROSE BLUSH

KL - 3042
MIST LILAC



EVERY DETAIL MATTERS

BEAUTY LEAVES
IMPRESSIONS

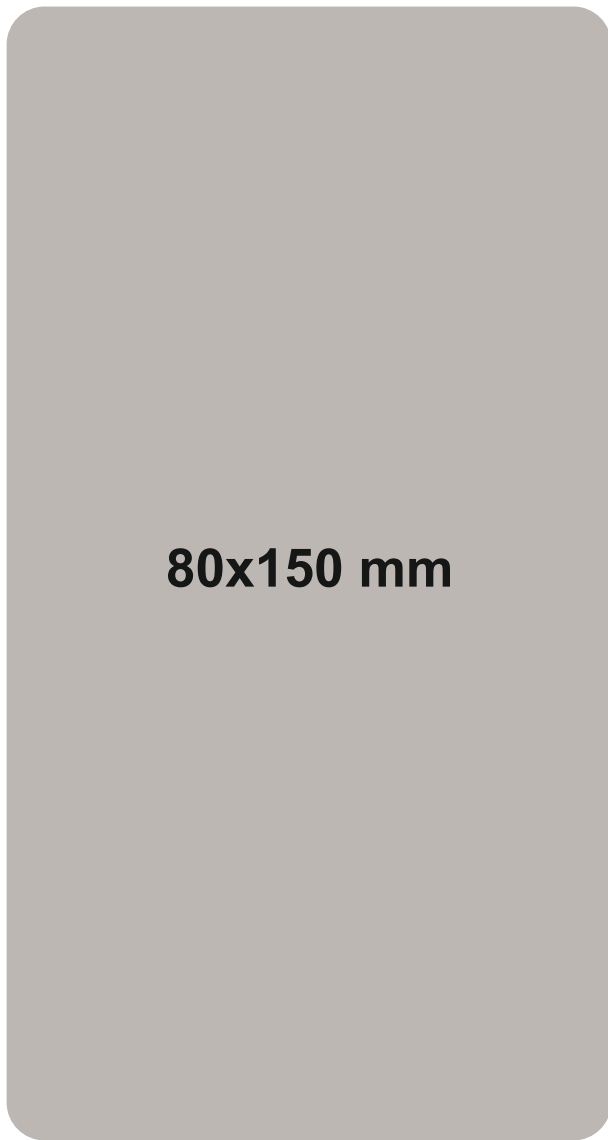


BEAUTIFULLY BELONG TOGETHER

QUIET BEAUTY
WINS HEARTS



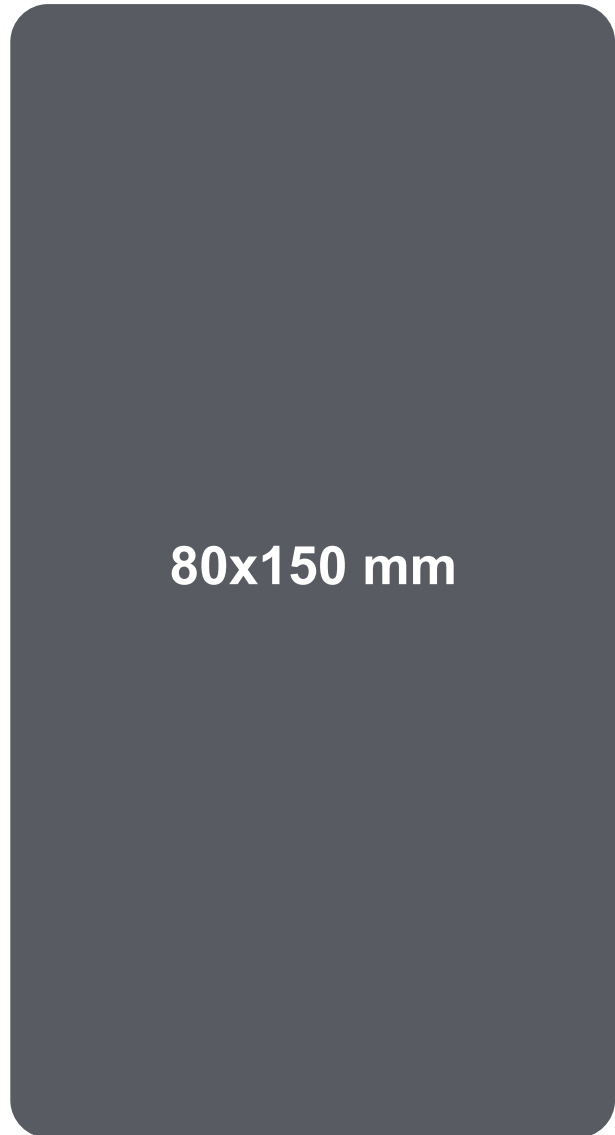
KL - 3026
ICE GREY



KL - 3038
WARM STONE



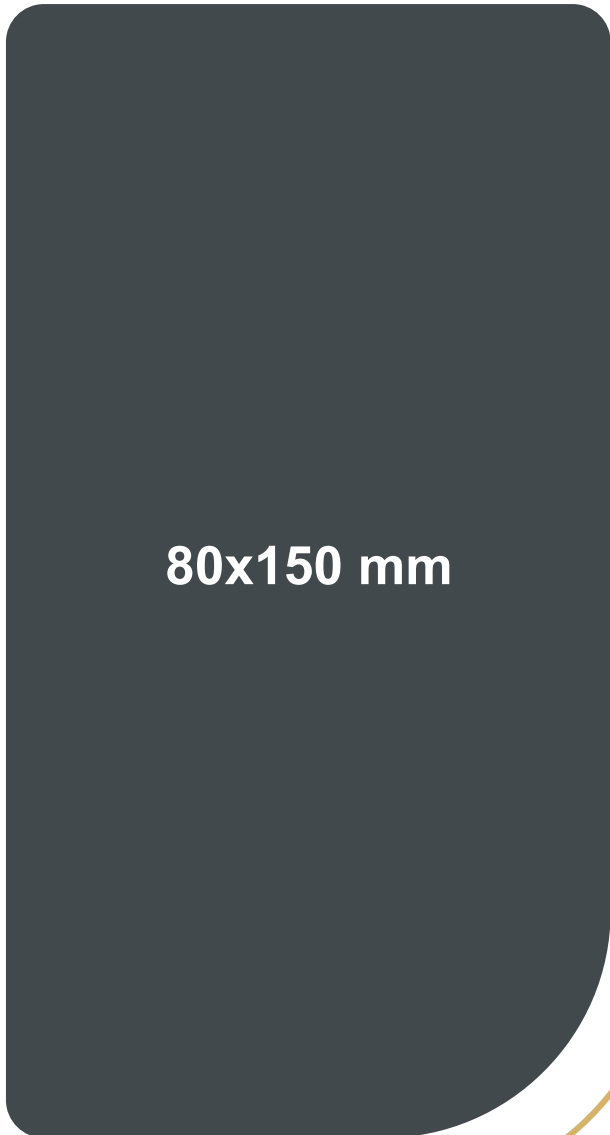
KL - 3018
SHADOW GREY



KL - 3050
MOSS GREY



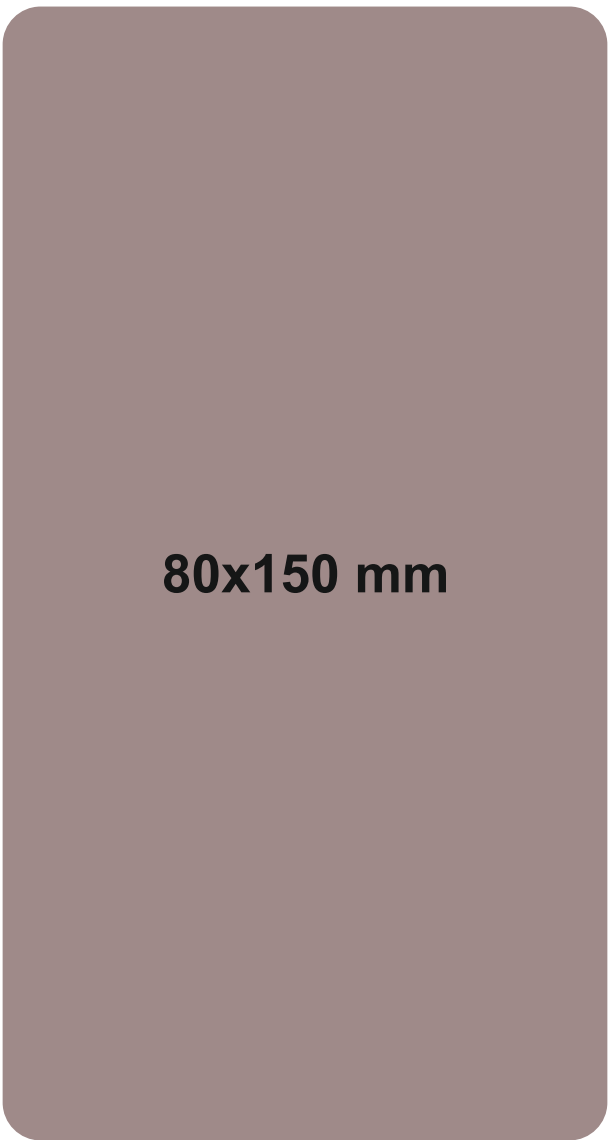
KL - 3002
STEEL GREY



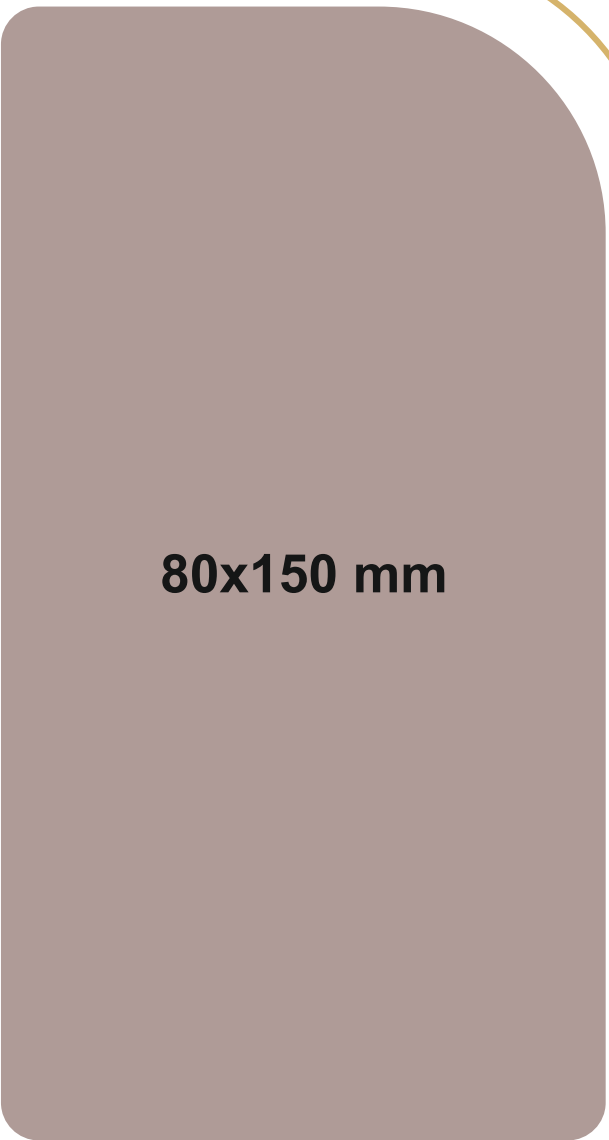
KL - 3043
IRON GREY



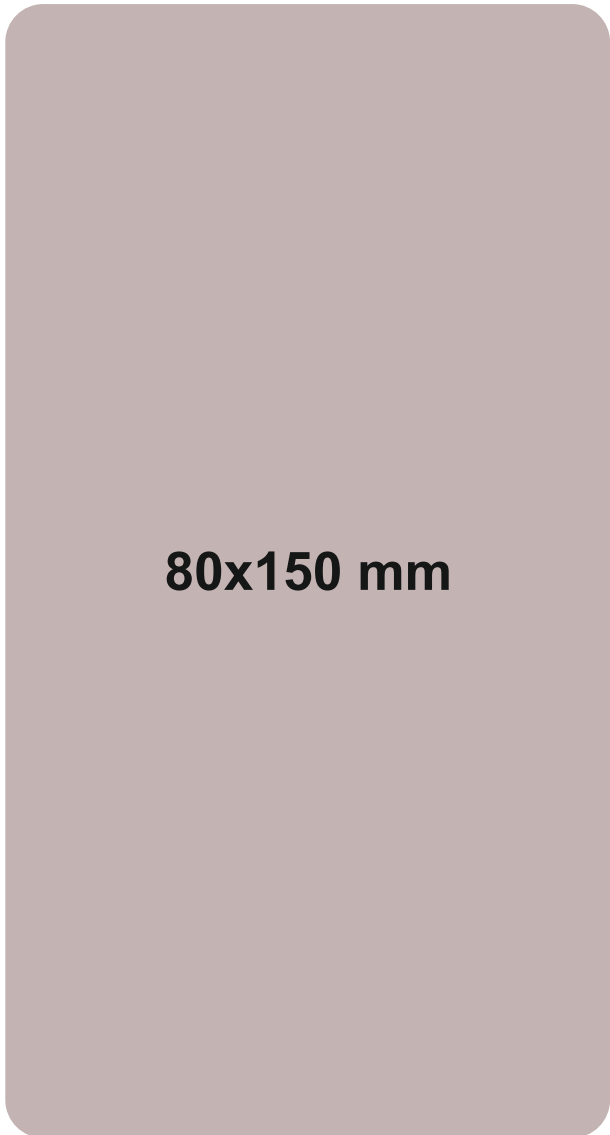
KL - 3045
SAND BEIGE



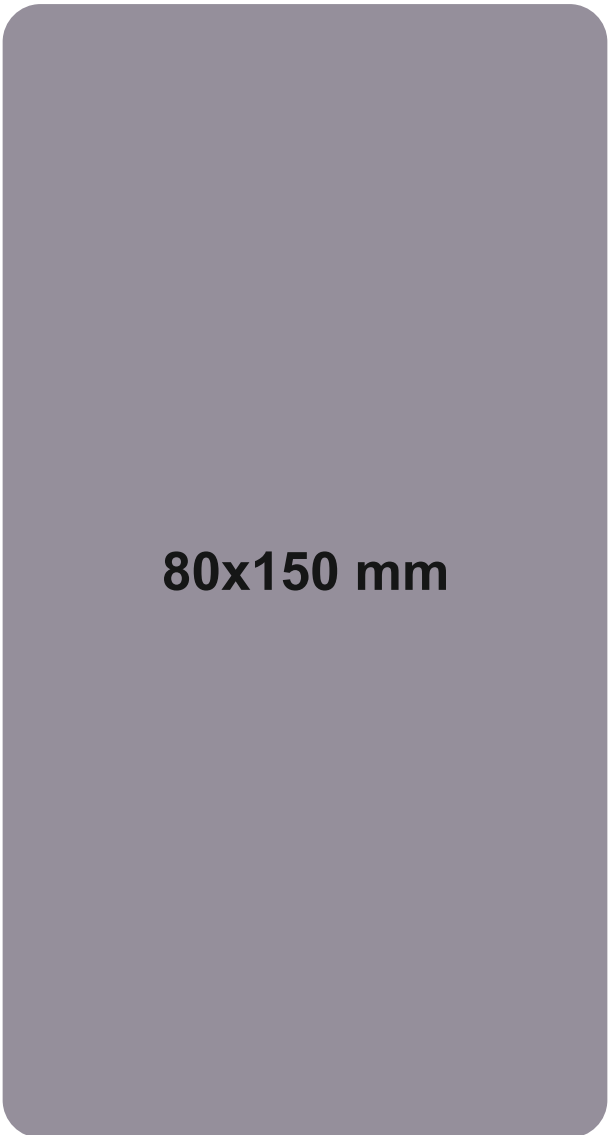
KL - 3051
DUSTY MAUVE



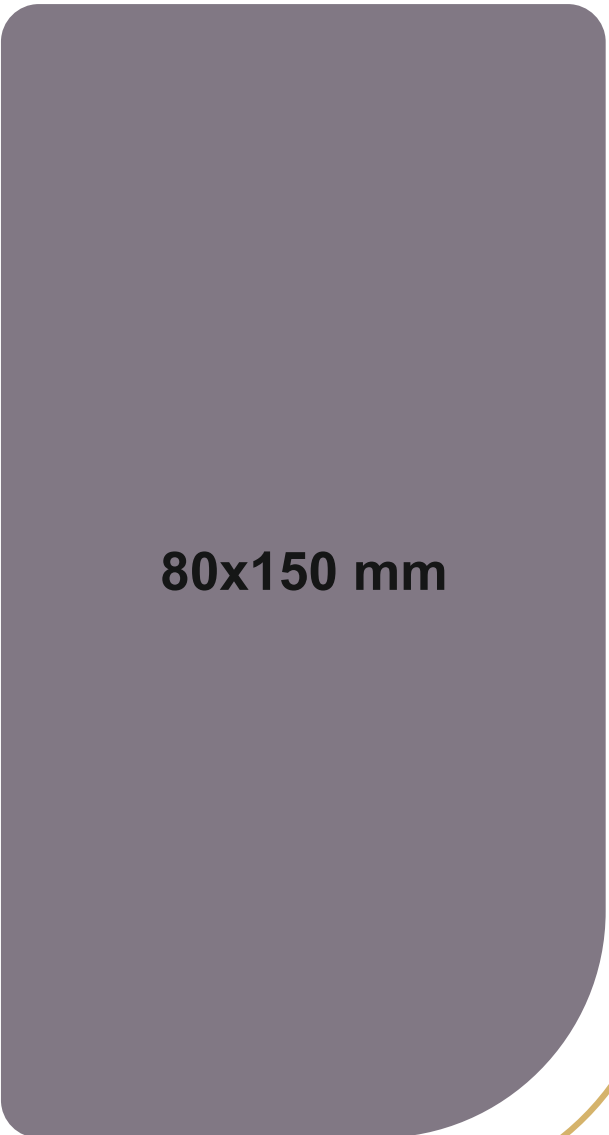
KL - 3053
SOFT TAUPE



KL - 3047
BLUSH MIST



KL - 3048
FROST LILAC

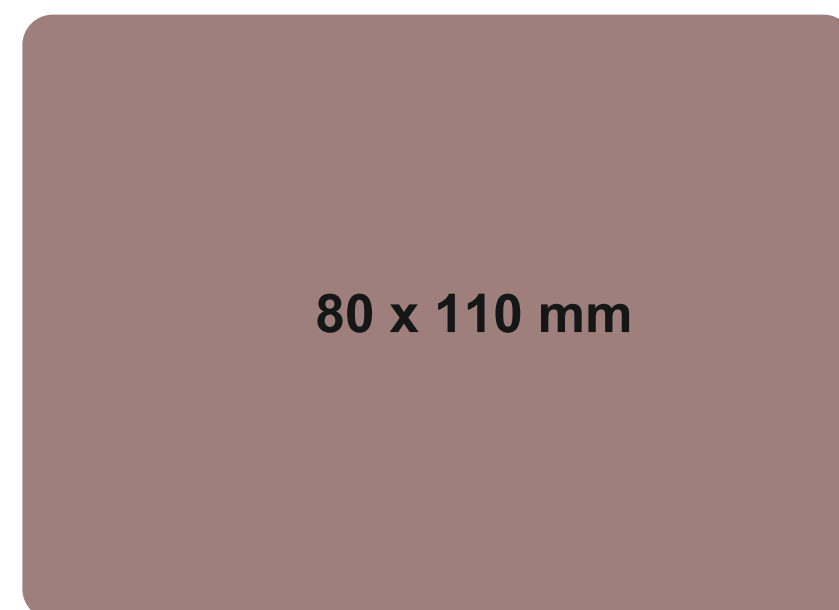


KL - 3049
SMOKY LILAC

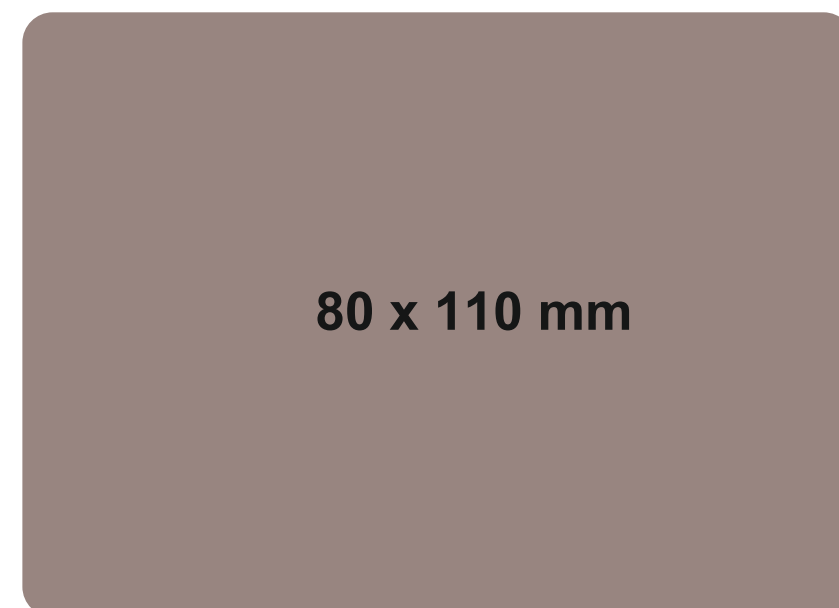


FINE FINISH FEELS PREMIUM

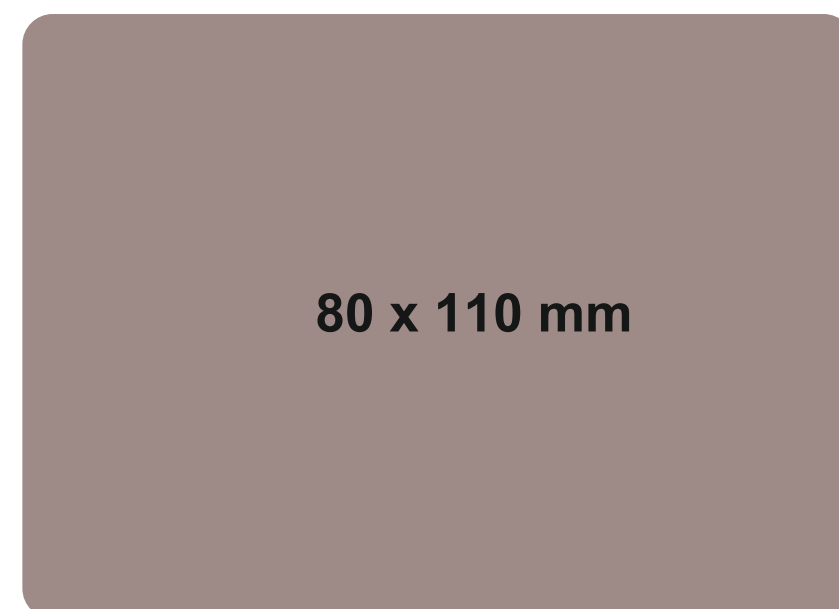
Nature inspired colors perfected
with radiant glossy brilliance.



 KL - 3052
EARTH COCOA



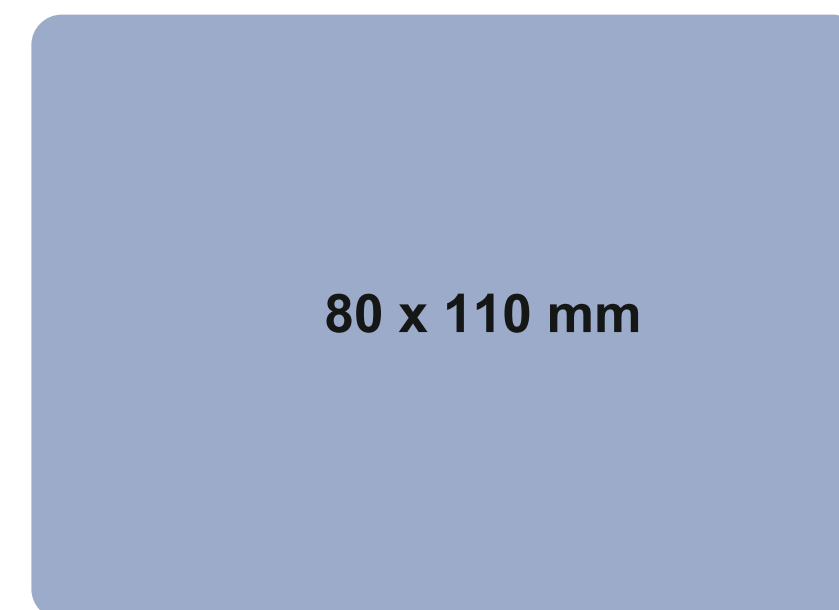
 KL - 3054
LINEN TAUPE



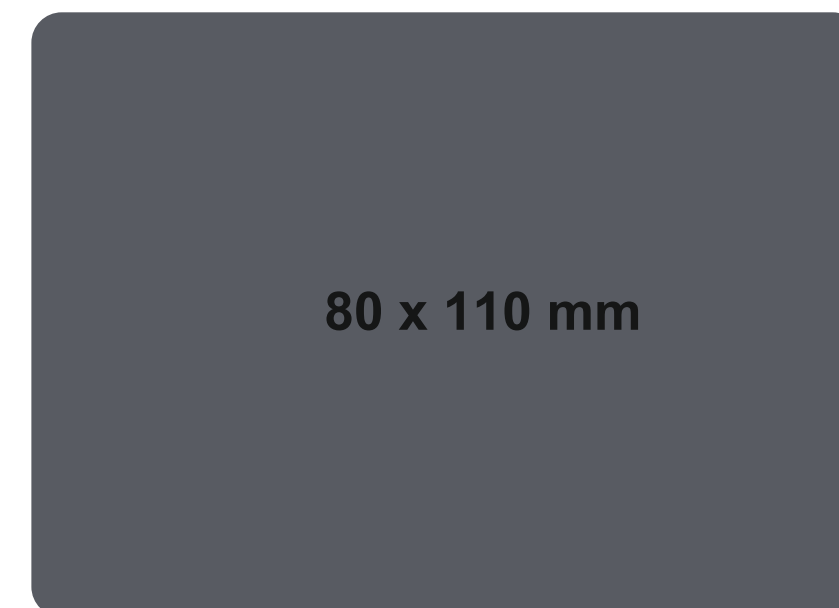
 KL - 3055
PEBBLE TAUPE

Elegant muted palettes reflecting timeless
high gloss sophistication.

—
SIMPLICITY REFLECTS
LUXURY
—



 KL - 3057
HAZE BLUE



 KL - 3016
STONE GREY



 KL - 3035
BLACK



wooden

CREATE ENDLESS
POSSIBILITIES

Woodgrain excellence crafted for refined
contemporary living environments.

Anti Yellow | Scratch Resistant | Fade Proof

KESHARI
ACRYLIC

240 X 155mm

KL - 5005
DRIFTWOOD

240 X 155mm

KL - 5006
CARAMEL OAK



120 X 160mm

KL - 5002
IMPERIAL WALNUT



120 X 160mm

KL - 5001
HONEY CEDAR



KL - 5001



115 X 300mm

KL - 5007
HERITAGE TEAK

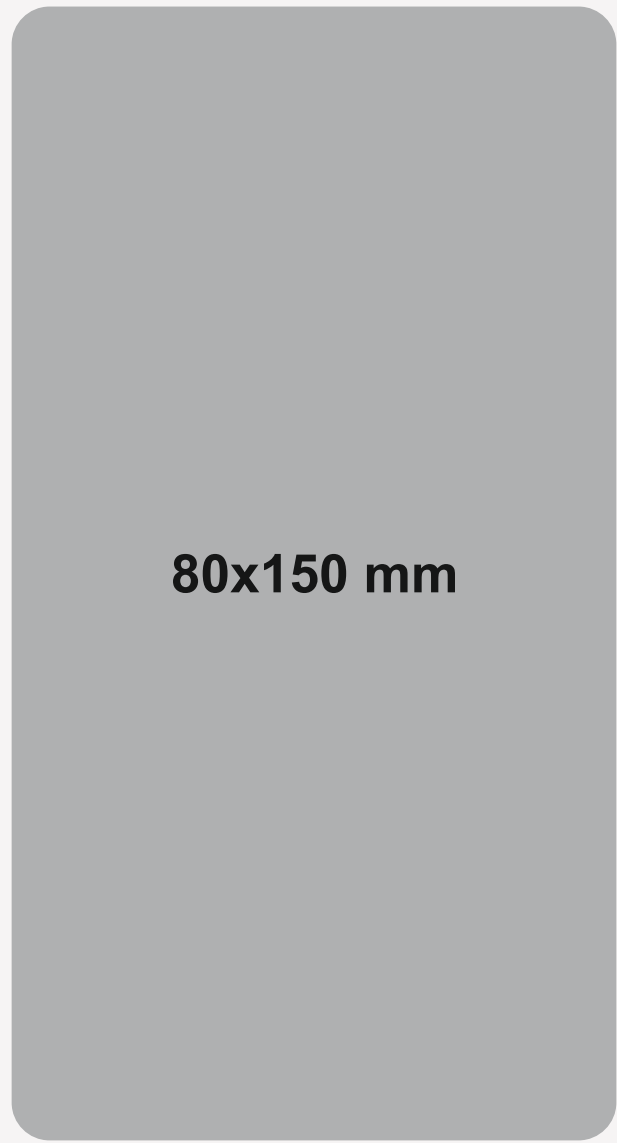


KL - 5007



80x150 mm

KL - 4010
OYSTER SHELL



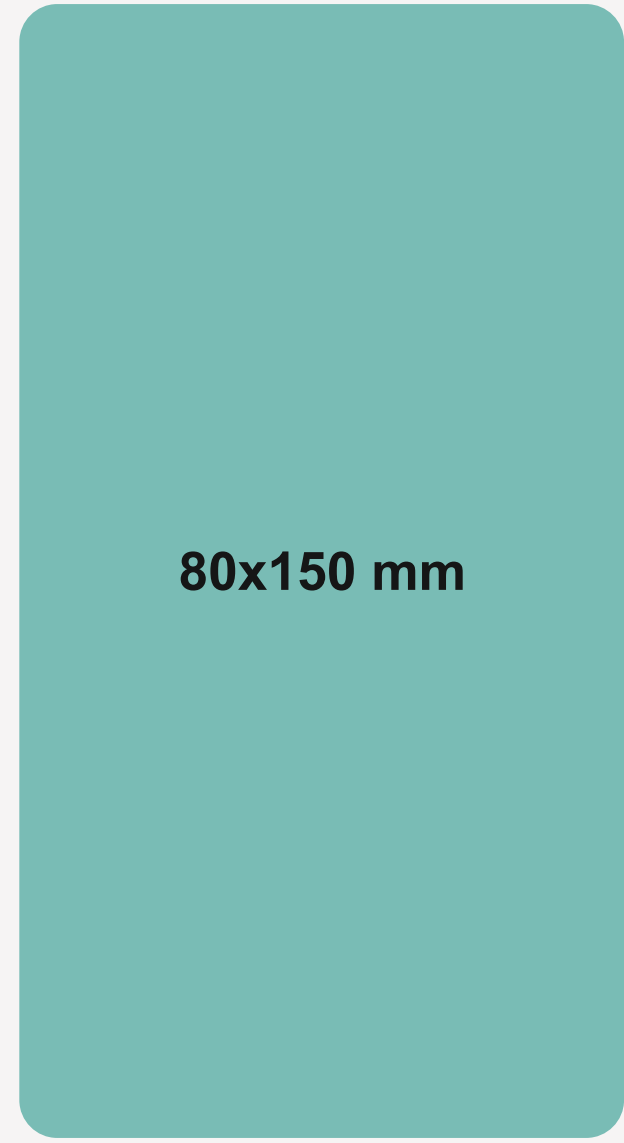
80x150 mm

KL - 4009
MERCURY STONE



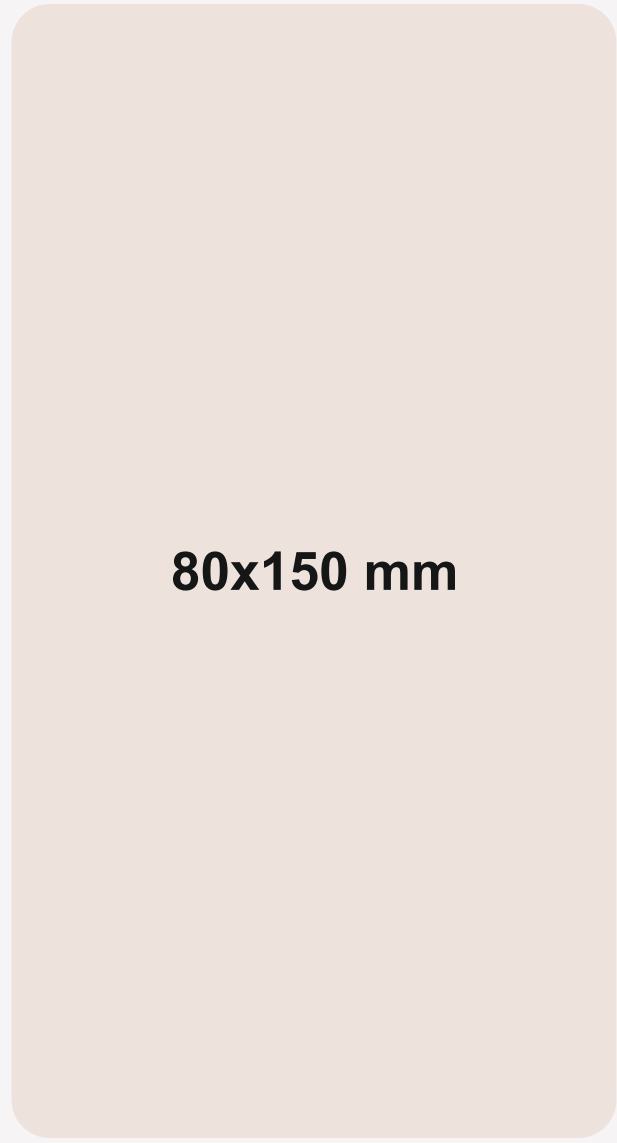
80x150 mm

KL - 4002
ARCTIC BREEZE



80x150 mm

KL - 4004
EMERALD BAY



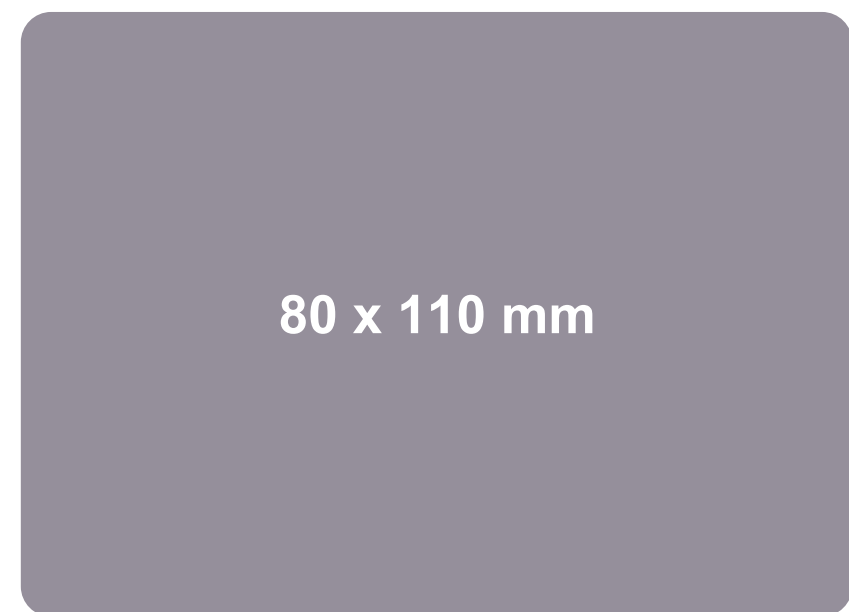
80x150 mm

KL - 4003
BLUSH QUARTZ

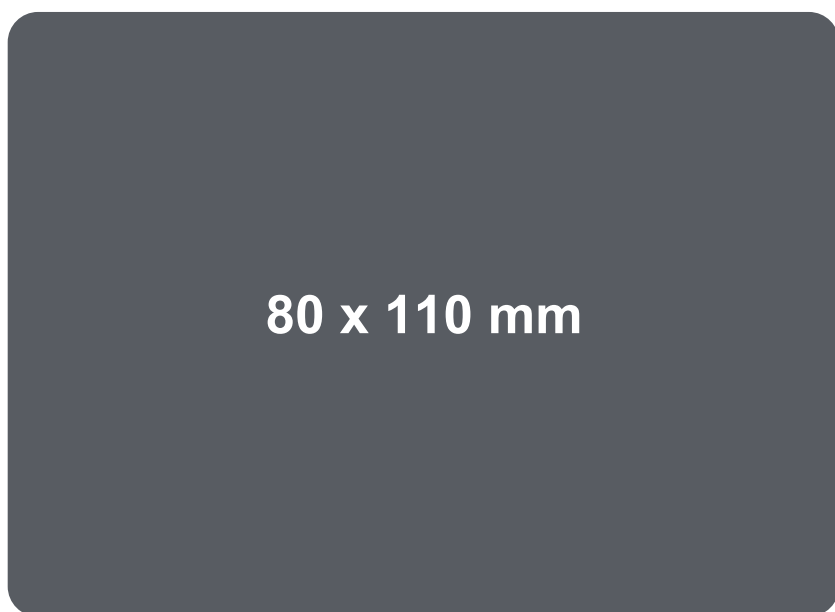


80x150 mm

KL - 4001
SAHARA GLOW



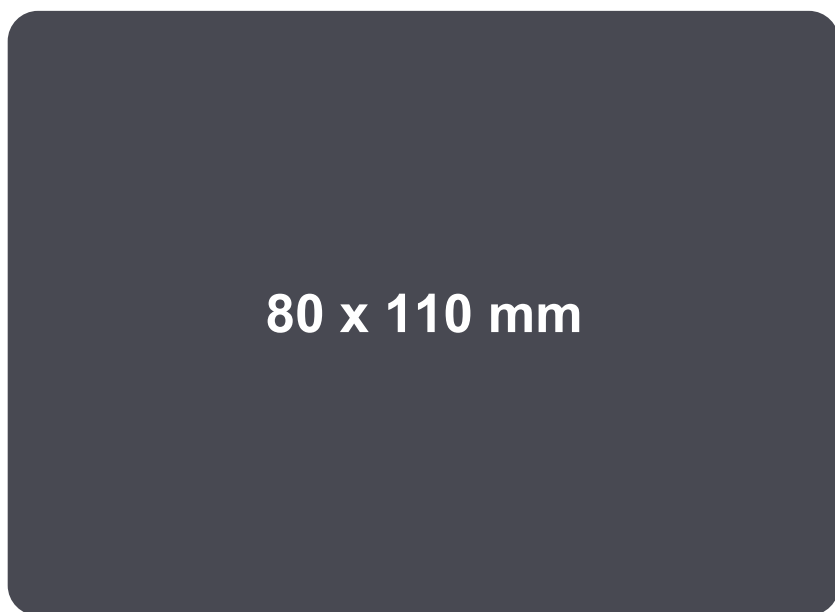
 KL - 4016
WISTERIA



 KL - 4015
ECLIPSE



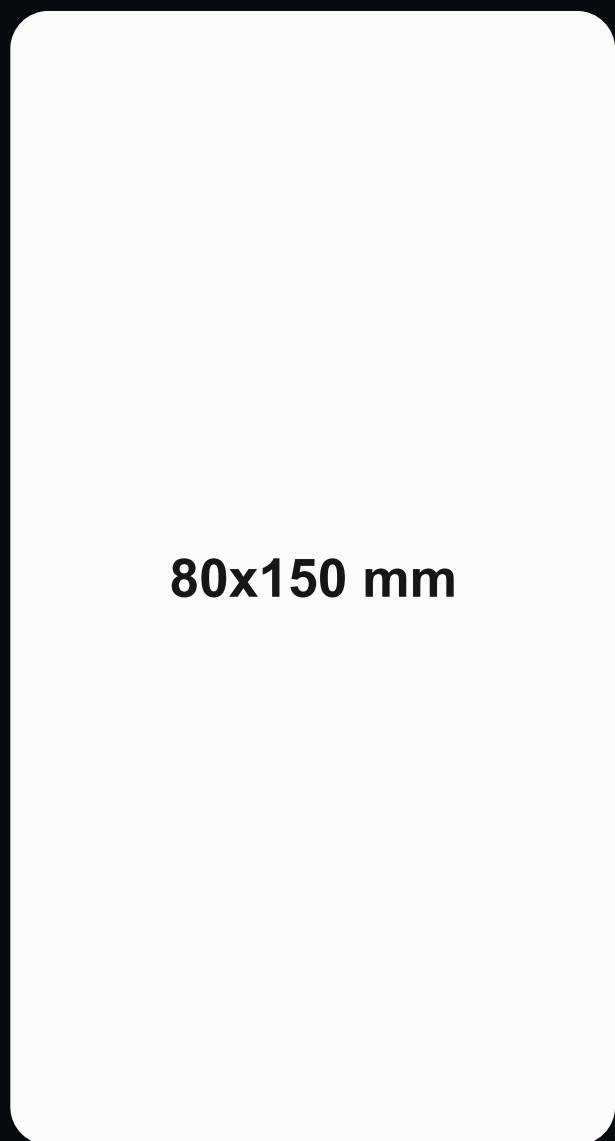
 KL - 4005
ROYAL MERLOT



 KL - 4007
GRAPHITE PEAK

Modern metallic surfaces radiating
confidence elegance and brilliance.

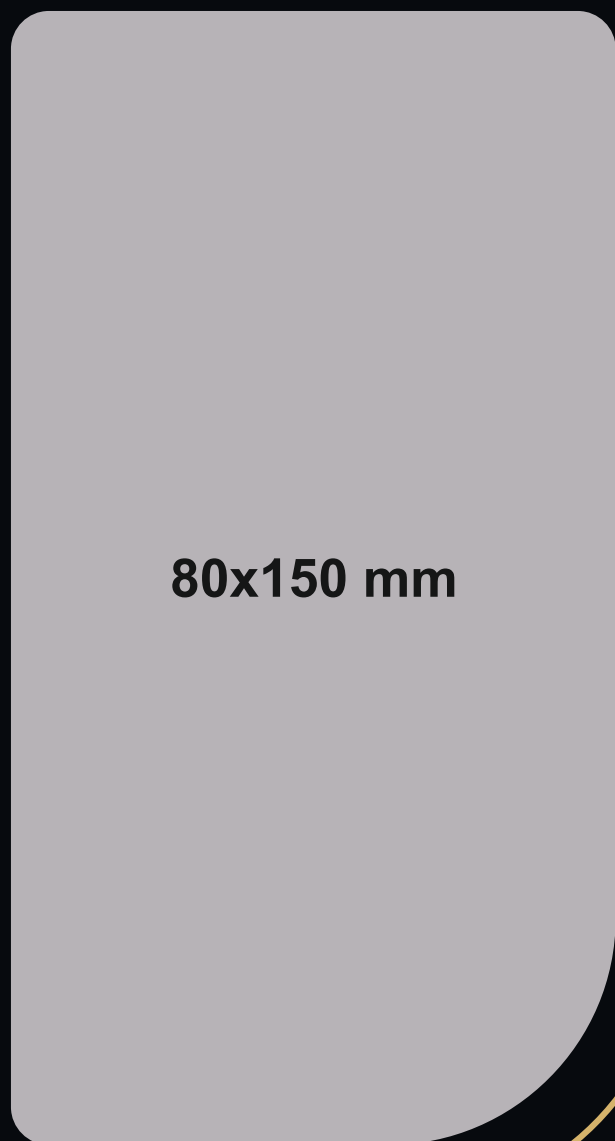
TRUE CRAFT REAL CHARM



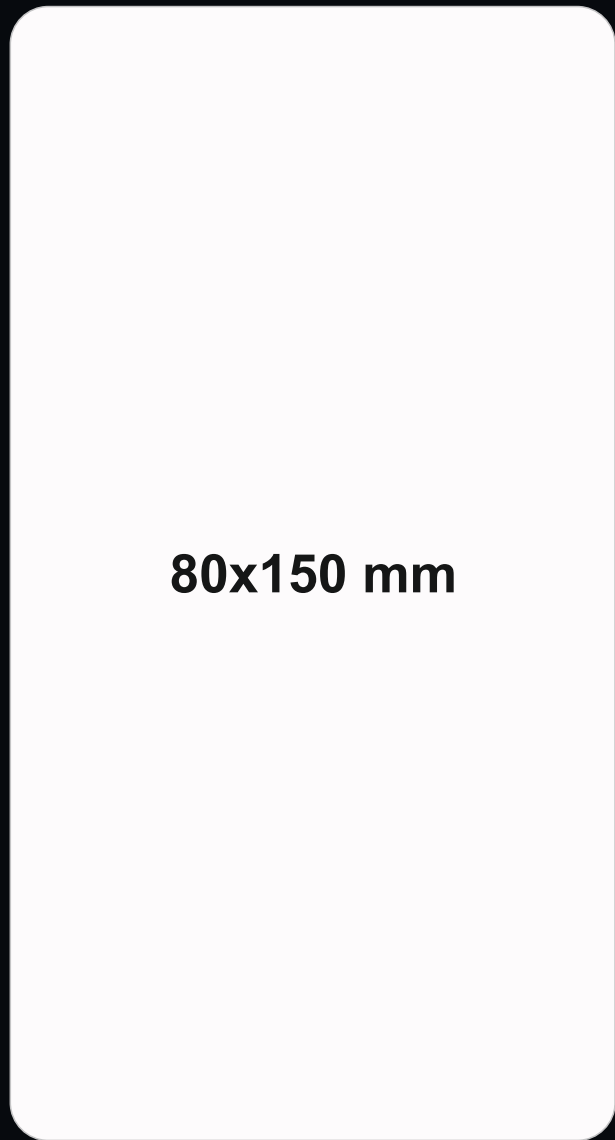
 KL - 4012
HARVEST GOLD



 KL - 4014
ALMOND PEARL



 KL - 4013
RUSTICA



80x150 mm



KL - 2003
SNOW CREST



80x150 mm



KL - 2001
PEBBLE SHORE



80x150 mm



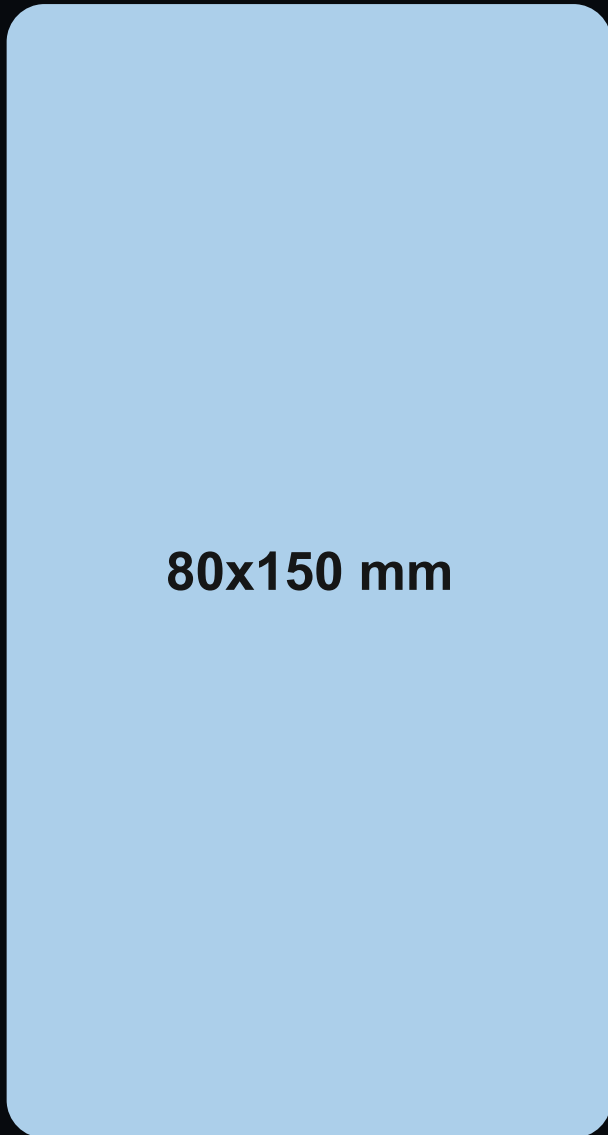
KL - 2004
OCEAN FOAM



80x150 mm



KL - 2008
LUNAR PEARL



80x150 mm



KL - 2006
MORNING SKY



80x150 mm



KL - 2005
GARDEN MOSS



Anti Yellow



Scratch Resistant



Fade Proof

SPARKLE

Thoughtfully selected shades bringing harmony
depth and elegance to modern interiors



CURATE BOLD
STATEMENTS

80x150 mm

KL - 2010
LILAC FROST

80x150 mm

KL - 2007
WALNUT DUST

80x150 mm

KL - 2002
ONYX BLACK

80x150 mm

KL - 2009
OCEAN SLATE

80x150 mm

KL - 2012
ANTIQUE WHITE

80x150 mm

KL - 2013
ORCHID HAZE



WARM HUES CALM MINDS

Fine sparkle transforming neutral laminates into luxurious design statements.

80x150 mm

80x150 mm

80x150 mm

 KL - 2014
POLAR WHITE

 KL - 2011
SOFT OAT

 KL - 2015
MOCHA BLUSH

 ANTI-
SCRATCH

 KESHARI
ACRYLIC

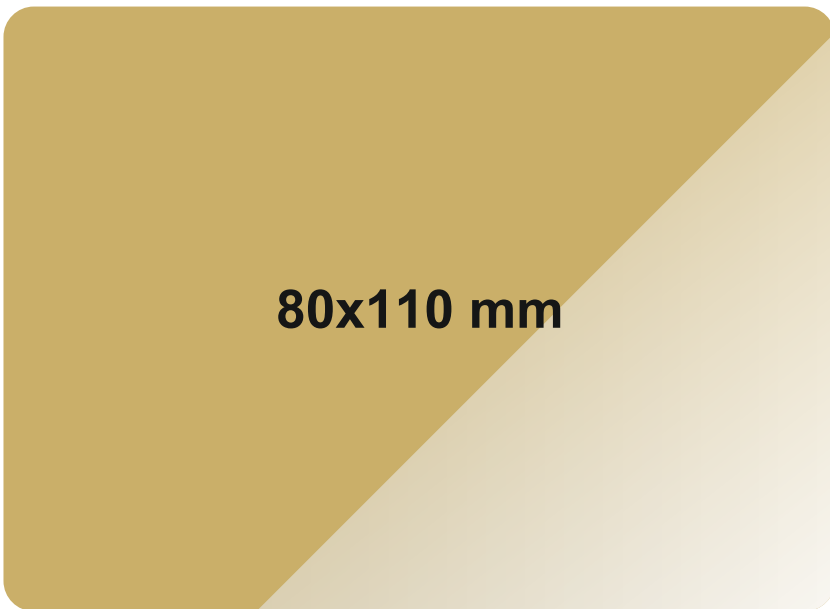


KL - 2015

KL - 2011

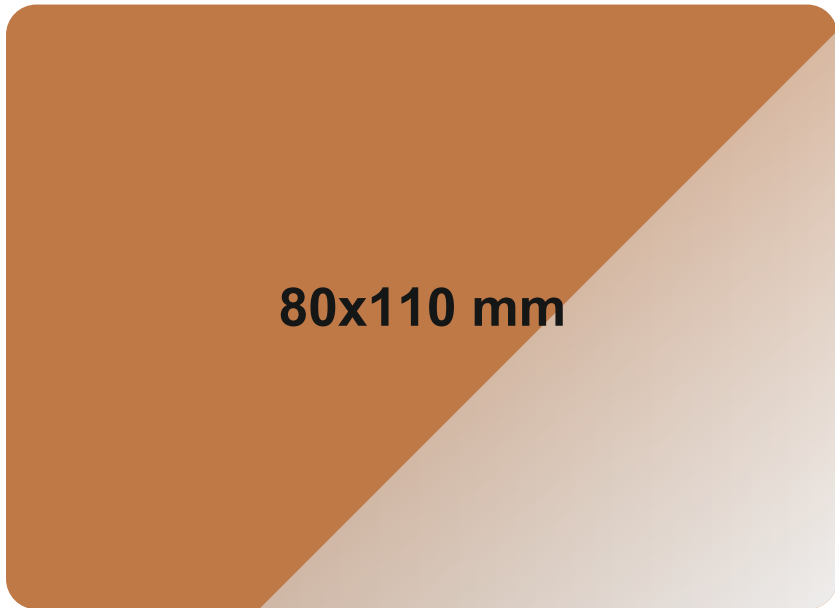


KL - 9001
SILVER

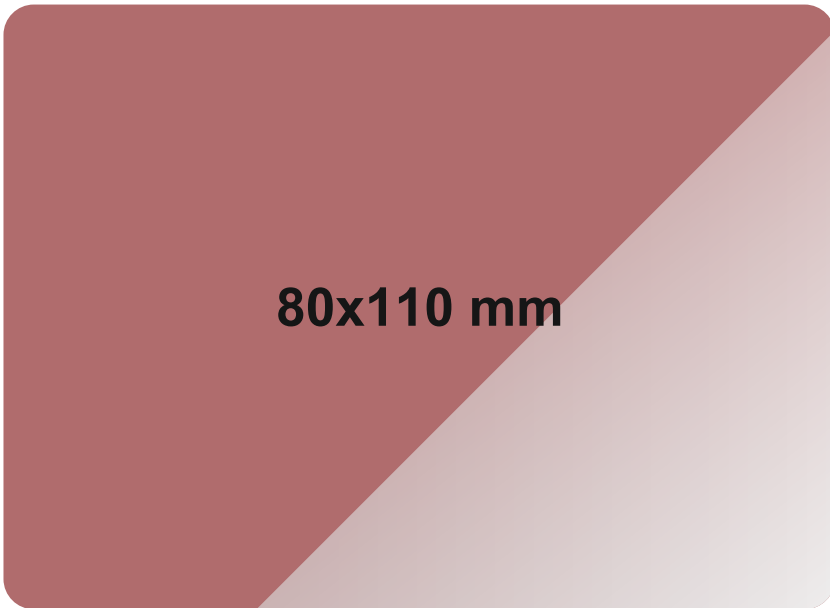


KL - 9002
GOLDEN

CREATE
BEAUTIFUL
LIVING
SPACES

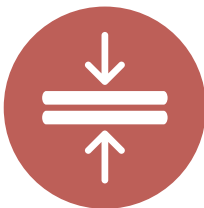


KL - 9003
COPPER



KL - 9004
ROSE GOLD

SHOWCASE PURE
REFINEMENT



Insufficient or Lack of Pressing
During The Bonding Period of The
Laminate.



When The Substrate Loses
Moisture After Installation.



Acrylic are Bonded in
Extremely Humid Conditions.



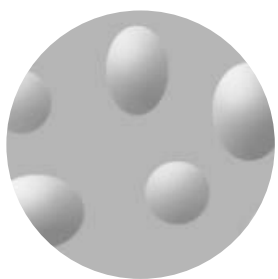
Use of Water-Based Synthetic Resin Adhesive
Other Than PEVA (Polyethylene Vinyl Acetate
Co-Polymer).



Use of Extremely Large
Acrylic/PVC Laminate Sheets
(More Than 8ft x 2ft Long).



Debonding in Certain Areas Due
To Uneven Substrate Surface.



To avoid de-lamination / air bubbles in between Ply
and laminate the above steps should be taken care
of. Bonding of acrylic sheets shouldn't be
completed under high humidity

Reasons for Air Bubble Formations
on Acrylic Sheets



Please open the roll
immediately Do not Pressurize
while opening roll

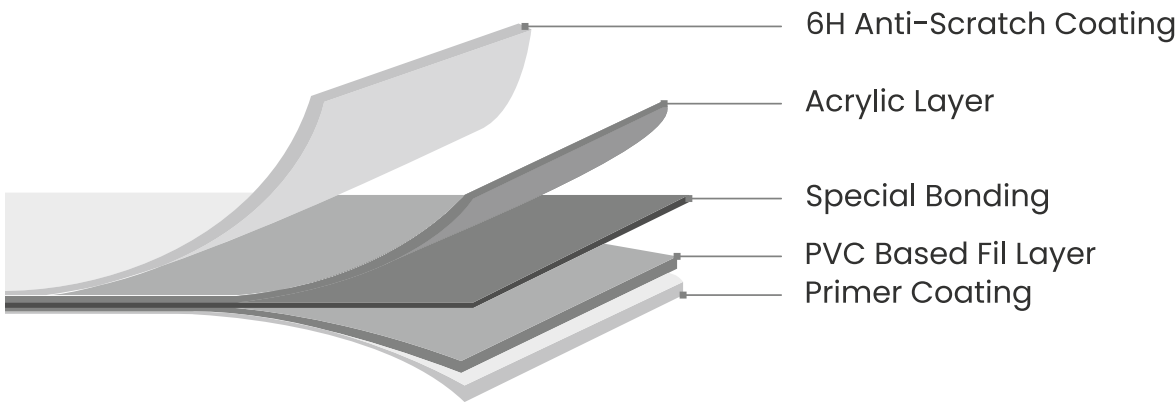


Shake it well and lightly
spray on the surface

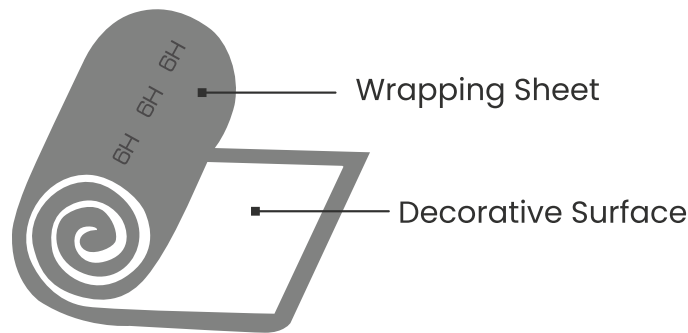


Wipe the surface clean
using a light circular motion

PANEL STRUCTURE



PANEL ROLLING STRUCTURE



APPLICATION



Kitchen
Shutters



Wardrobe



Door and
Drawer
Fronts



Office
Spaces



TV Unit



Furniture

LIMITED WARRANTY

KESHARI Products are tested to be reasonably free of defects, and when used and fabricated properly they will comply with the applicable manufacturing specifications within realistic deviations, we recommend customers to insect properly before installing. KESHARI warranty in on way covers defects and non-compliance from or otherwise attributable any other causes, including without limitation the following:

- Improper handling / transportation / storage of Acrylic Laminate
 - Improper installation of Acrylic Laminate
 - Improper or unintended usage of Acrylic Laminate
 - Lack of or improper maintenance of Acrylic Laminate
 - Exposure to high temperatures
 - Unauthorized alteration to the products
 - Outdoor applications
- There will be no guarantee or exchange under any circumstances
 - Color variations in products from different batches are possible
 - We recommend using products from same batch to avoid color variations
 - This brochure is for presentation purposes only, Actual colors may differ.

COLLECTION

Available in Size .

2440mm X 1220mm (8ft X 4ft) Thickness : 1.5 / 1.3mm (±0.05%)

100%
ORIGINAL
PURE ACRYLIC

APPLICATIONS

Kitchen Worktops, Tables, Doors Shelves, Cabinets, Trolleys	Bathroom Worktops, Shelves, Cabinets	Furniture	Healthcare Wall Lining And Horizontal Surfaces, Lockers, Cabinets, Trolleys
Commercial	Hospitality & Restaurant Tables Counter Tops, Doors, Cubicles, Lockers, Cabinets		Wall Cladding & Partition

GENERAL USE & CARE GUIDE

These laminates are manufactured with aesthetics and durability in mind. when used as recommended and with appropriate care. our laminates will last though

Causes of Yellow Patches and Color Fading After Installation:



Placing Hot Cookware or Utensils Directly on The Laminate.



Use of Synthetic Rubber Adhesives Such As SR/Jat Pat, Bostic, Heatx, Etc.



Exposure to Direct Sunlight Can Gravely Affect A Laminate's Appearance.



Use of Inferior or Sub-standard Dipped Plywood or Dipped Lipping Patti, Which May Chemically React With The Adhesive.



Prolonged Exposure to High Temperature (above 30-35).



TECHNICAL SPECIFICATIONS



DISCLAIMER

- Do not use plywood with high moisture content
- Do not use ply with uneven surface
- Avoid using interior quality adhesive
- Apply sufficient pressure
- We do not recommend pasting of sheets on the printed/branding area of the plywood



Acrylic laminates provide a premium and sophisticated finish when applied on MDF board!

Parameters	KESHARI Laminate	High Gloss Laminate Mica	PU Coating/ Duco Paint	Back Painted Glass
Gloss Level	>90	>70	>85	>85
Scratch Proof	6H Anti scratch	No	No	No
Color Consistency	Excellent	Not Good	Not Good	Not Good
Orange peel	No	Yes	Yes	No
UV Resistance	Excellent	Bad	Bad	Bad
Water Resistance	Excellent	Bad	Bad	Excellent
DRY Heat Resistance	Excellent	Good	Bad	Bad
Volatile Organic Compounds (VOCs)	No	Yes	Yes	Yes

CLEANING & MAINTENANCE



- Do not place any hot substrate or cookware directly on laminates.
- Do not use thinner or any harsh cleaning agent to clean the laminates as it can damage the laminate surface.
- Alcohol-based cleaners.
- Solvent-based cleaners.
- Petrol, Pine wood or Oil-based cleaners.
- Clothes other than a microfiber cloth.
- Cleaning should be done with water along with a Smooth cloth.
- Exposure to temperature above 30°C may cause damage to surface.

CUTTING & INSTALLATION



- These acrylic laminates can be cut by standard wood working tools.
- Laminates can be easily pasted by using Acrylic to wood adhesives which are easily available in market.
- Clean the laminate and base substrate by soft brush or soft cloth before application.
- The pressing of laminate should be done from middle and move towards the sides and corners of laminate sheet.
- Sufficient pressure should be given to KESHARI ACRYLIC for almost 15 hours to get a good bonding strength.