



ANTI-FADE
ASSURANCE



CLADAGE
— Redefining Exterior Elegance —

PREMIUM QUALITY EXTERIOR FACADE HPL CLADDING



CLADAGE
— Redefining Exterior Elegance —

ANTI-FADE
ASSURANCE



SAMRAT PLYWOOD LIMITED

SCO No. 827, 1st Floor, NAC Manimajra, Chandigarh - 160101, INDIA

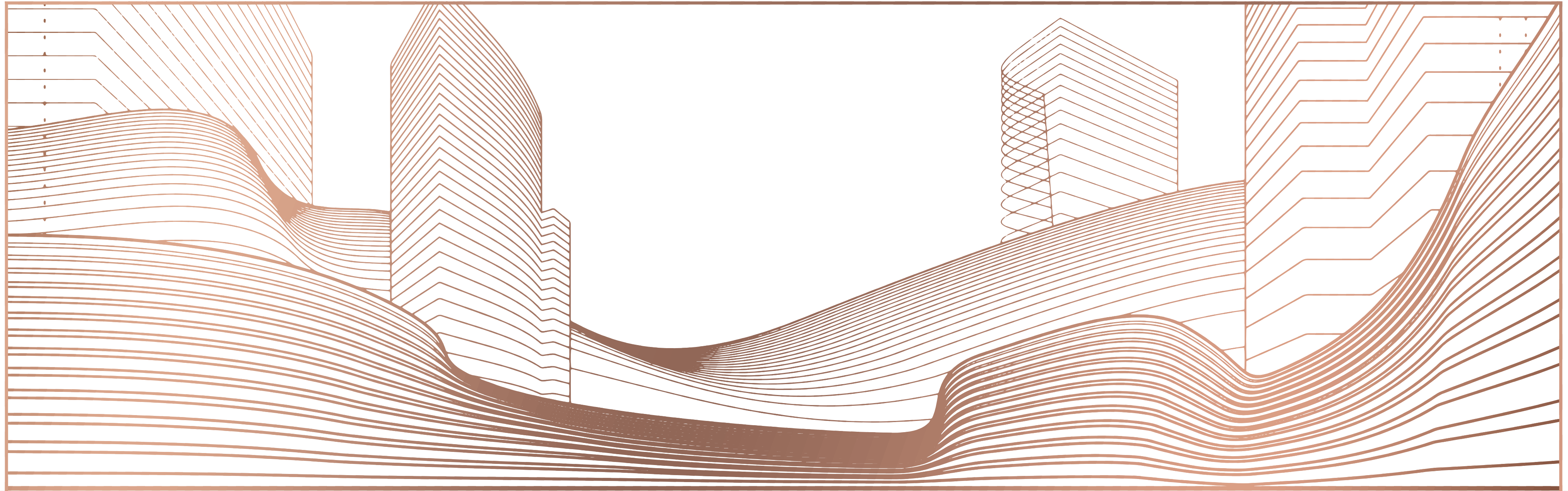
✉: admin@samratply.in 🌐: samratply.in • samratcladage.com

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Established Legacy: Samrat, a renowned Indian brand, boasts over 35 years of expertise in manufacturing top-notch Plywood, Laminates, and HPL Claddings.

Industry Leadership: Since its inception in 1988, Samrat has evolved into a leading player in the Plywood and Laminate sector in India, supported by three state-of-the-art factories in North India.

Product Excellence: Samrat's commitment to delivering the highest quality products is reflected in prestigious certifications such as **CE, CARB, FSC, FR: BS1D0, E0, E05, GRIHA, GREEN PRO, ISI, ISO, EN 636, Anti-Viral, and Antibacterial.**

Values-Driven Approach: The company's work ethic revolves around its Values, Vision, and Mission, ensuring customer satisfaction at the highest level in terms of communication, service, and quality.

Global Presence: With a strong footprint in 21 states across India and a global reach spanning 25 countries, Samrat Plywood has earned a reputation for excellence and reliability in the industry.

SAMRAT HPL PRODUCTS

EXTERIOR COMPACT HPL	PERFORATED COMPACT HPL	LAB GRADE COMPACT HPL
INTERIOR COMPACT HPL	CLEAN ROOM COMPACT HPL	FR GRADE COMPACT HPL
TABLE TOP COMPACT HPL	ANTI BACTRICAL COMPACT HPL	ANTI VIRAL COMPACT HPL

THICKNESS: 3 mm, 4 mm, 6 mm, 8mm, 10 mm, 12 mm, Upto 20 mm

SIZES OFFERED:

1300 mm x 3050 mm

1220 mm x 3050 mm

1300 mm x 2800 mm

1220 mm x 2440 mm

900 mm x 2150 mm

WHAT MAKES SAMRAT CLADAGE SPECIAL?

Introducing the all new innovation from house of Samrat, Special fade resistance range of Exterior Cladding to withstand the adverse action of atmospheric Ultra Violet Rays and exterior atmospheric effects with minimum fading of colours.

Those cladding are strong, self supporting and durable, promising incredible value and trendy designs, paired with greater durability which allows your outdoors to withstand the weather and withering effects.

Versatile, durable and practical, Samrat Exterior Cladding are ideal for facades, balconies, outdoor furniture and other exterior applications, Samrat's high quality Exterior Cladding are available in large format panels for cladding balconies and building facades.

Enveloped with Samrat's perfection, your building will cast an unforgettable impression over time.

ENVIRONMENTAL AND HEALTH ADVANTAGES OF SAMRAT CLADAGE

- Samrat Cladage are cured and **chemically inert**.
- Samrat Cladage **formaldehyde emission levels** are well below the limit for wood-based materials.
- Samrat Cladage is **approved** for **contact with foodstuffs**, with **no migration** affecting food.
- Samrat Cladage Surfaces are **resistant to common household solvents** and chemicals, making them ideal for applications where cleanliness and hygiene are crucial.
- The non-porous Samrat Cladage surface and edges are **easy to disinfect** with hot water, steam, and common disinfectants used in hospitals and commercial facilities.
- Samrat Cladage is considered an article, not a chemical substance, **exempting it from REACH regulations**. However, an information exchange with raw material suppliers on REACH-relevant substance properties is maintained.

WHY USE SAMRAT CLADAGE

Special Fade Resistance:

Introducing Samrat's latest innovation the **Special Fade Resistance range of Exterior Cladding**, designed to withstand the adverse effects of atmospheric ultraviolet rays and minimize colour fading.

Robust and Durable:

Samrat Exterior Cladding is known for its **strength, self-supporting structure, and remarkable durability**, ensuring a long-lasting and appealing outdoor aesthetic.

Value and Trendy Designs:

Experience the perfect blend of value and **contemporary design**, promising **incredible aesthetics** while maintaining longevity against weather and external elements.

Versatile Applications:

Ideal for a range of **exterior applications, including facades, balconies, outdoor furniture**, and more. These cladding solutions are adaptable to various outdoor spaces.

Large Format Panels:

Samrat's high-quality Exterior Cladding is available in **large format panels**, specifically crafted for cladding balconies and building facades, providing a seamless and visually appealing finish.

Unforgettable Impression:

Enveloped with **Samrat's commitment to perfection**, these cladding solutions ensure that your building leaves an **unforgettable impression every time**, combining innovation with enduring style.

12-Years Peace of Mind Warranty:

Rest easy with our Exterior Cladding backed by a **10-year warranty**, safeguarding **against fading and de-lamination** for unparalleled durability and quality assurance.

Luxurious Decor Papers:

Immerse yourself in opulence with our **premium Decor Papers** sourced from renowned **German companies** Schattdecor, Chiyodo, Lamigraf, Interprint, Munksjo, and Technocell. This forms the exquisite **All Blue scale 6 Plus Decor Paper collection**.

Diverse Design Collection:

Explore one of the most extensive UV-grade Exterior Cladding collections, showcasing over **75 designs** from **prestigious companies like Schattdecor, Chiyoda, Lamigraf, Interprint, Munksjo, Technocell, and more**.

Industry Pioneers:

With over a **12 years of experience**, we proudly stand among the **first companies** to **manufacture Exterior Claddings** in India, contributing to the industry's growth and fostering innovation.

Proven Excellence:

Trust our expertise with a proven track record—over **2.5 million square meters installed globally in the past 12 years**. This reflects our unwavering commitment to excellence and customer satisfaction.

Extensive Network:

Benefit from our **widespread Pan India network of dealers, covering 21 states and 300 cities/towns**. Experience accessibility and support wherever you are in your architectural endeavours.

Global Trust:

Extend your trust globally, as our **presence** spans over **25 countries**, exemplifying international acceptance and recognition of our **high-quality Exterior Cladding**.

Top-Notch Materials:

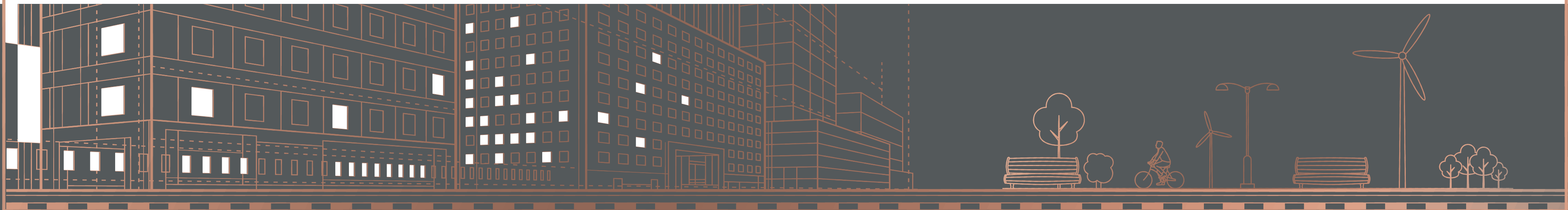
Crafted with precision, all our panels utilize **Virgin Kraft** primarily **imported from Sweden and the USA**, ensuring unmatched quality, strength, and durability.

Architect's Choice:

Preferred by senior architects across India for **prestigious projects**, our panels adorn nationalized banks, hospitals, institutions, government projects, hotels, and more. A testament to the **superior quality** and design of our products.

Expert Consultation:

Access **24/7 in-house consultancy** from an industry-renowned professional, **offering expert guidance** on Exterior Claddings. Make informed decisions for your projects with confidence.



FEATURES



ANTI - FADE ASSURANCE



12 YEAR
WARRANTY*



FIRE
RETARDANT



EXCELLENT
ANTI GRAFFITI
PROPERTIES



CHEMICAL
RESISTANT



ENERGY
EFFICIENT



MATCHING
RIVETS



ANTI-DUST



MOISTURE
RESISTANT



ENVIRONMENT
FRIENDLY



LOW VOC
EMISSION



RESISTANCE
TO ACID RAINS



CORROSION
RESISTANT



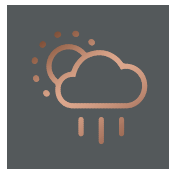
TERMITE
RESISTANT



ANTI - BACTERIAL
AND ANTI - FUNGAL



ACOUSTIC
RESISTANCE



CAN WITHSTAND EXTREME
TEMPERATURE CONDITIONS
FROM -60C TO +80C



SUPERIOR LIGHT
FASTNESS PERFORMANCE
(UV RESISTANCE)

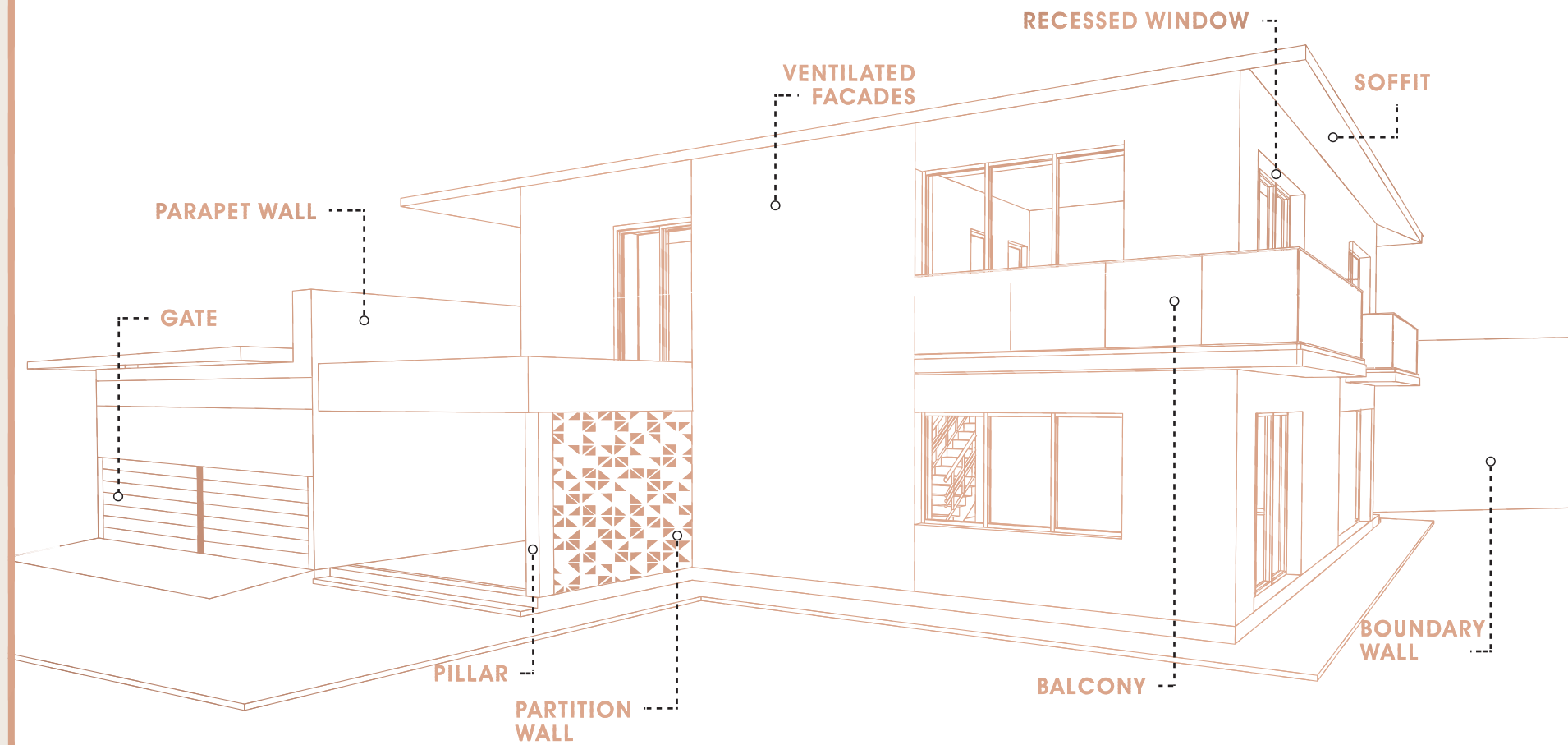
*Climatic conditions across geographies may affect the product performance, Hence, warranty will vary across countries. Contact business manager for more details.

PRODUCT ADVANTAGES OF CLADAGE

	HARDWOOD	ACP	GLASS	STONE	TILE	SAMRAT CLADAGE
Fire Retardant	×	×	✓	✓	✓	✓
Easy to Maintain	×	✓	×	×	✓	✓
Quick & Easy Installation	✓	✓	×	×	✓	✓
Durability	×	×	×	✓	✓	✓
Ant-Graffiti	×	×	×	×	×	✓
Energy Efficient	×	×	×	×	×	✓
Chemical Resistant	×	×	×	×	×	✓
Anti-Dust	×	×	×	×	×	✓
Corrosion Resistant	×	×	×	×	×	✓
Customisable	×	×	×	×	×	✓

EXTERIOR

APPLICATION FIELDS FOR CLADAGE



APPLICATION FIELDS FOR CLADAGE



MARKET SEGMENTS

- Private and residential housing
- Hospital and laboratories
- Public buildings
- Railway station and airport terminal/infrastructure
- Transportation
- Hotels
- Education
- Retail and commercial buildings
- Sports and recreation centres
- Industrial buildings

APPLICATION AREAS INTERIOR

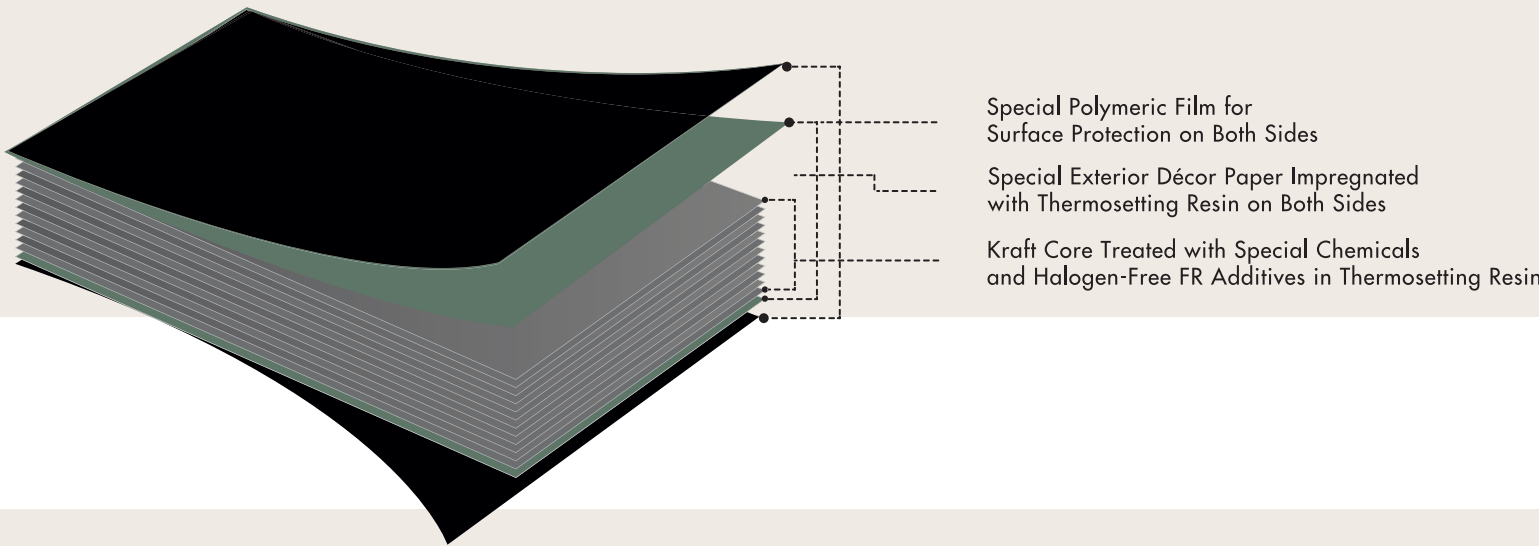
- Walls and partitions
- Ceilings
- Doors
- Flooring
- Stairs
- Furniture/chairs
- Trims
- Window sills
- Tables
- Worktops, counter tops
- Vanity units
- Cubicles
- Display/shop systems

EXTERIOR

- Balconies
- Facades
- Furniture and signs
- Urban elements
- Orientation systems

INTERNAL STRUCTURAL DETAILS

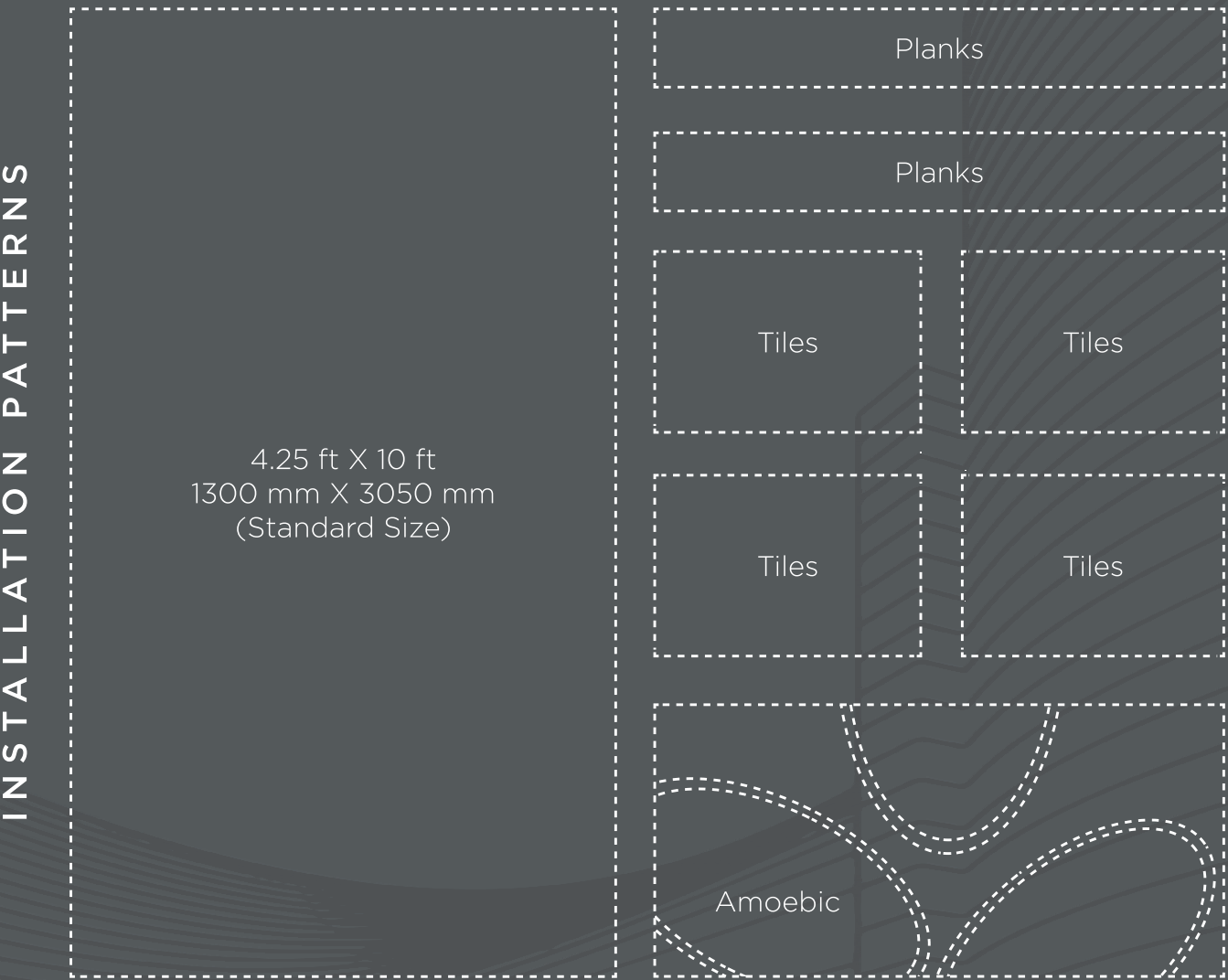
Samrat Cladage are self-supporting high pressure laminates (Cladage) with a decorative surface that is suitable for exteriors. It is faderesistant, weather-proof, and compliant to the standards of EDF (EN 438-6 Exterior Grade Severe Use Flame Retardant) which is the best in this classification. The polymeric resins used are made with Non-Halogenated Fire Retardant chemicals which make the Cladage fire-retardant.



THE PRODUCT IS MADE UP OF:

- Layers of kraft paper impregnated with halogen free FR-Grade phenolic resins that make the product fire-retardant.
- Both the sides have a special exterior-grade decorative paper surface mode using extreme light stable pigments, special chemicals, and inks that are then impregnated with melamine resins. The decorpaper is rated 3-5 an Grey Scale, hence making it fit to use for exteriors.
- Best quality polymeric surface protection film layer on the front and rear surface of the board. This film layer guards the surface of Samrat Clads when exposed to the combined action of direct sunlight, rains/acid rains, hail, wind, frost, exhaust fumes, graffiti, and corrosion/salt deposition.

THICKNESS	WEIGHT (KG)		
	3050mm X 1300mm	3050mm X 1220mm	2440mm X 1220mm
6 mm	34.65	32.5	26
8 mm	46.2	43.35	34.6
10 mm	57.75	54.15	43.25
12 mm	69.3	65	52



FIXING PROFILES OF CLADS

TECHNICAL SPECIFICATIONS

SL. No.	PROPERTIES	TEST METHOD	ATTRIBUTES OF PERFORMANCE	UNIT OF MEASUREMENT	RESULTS (AS PER EN 438-7)
1	DIMENSIONAL PROPERTIES				
1.1	Thickness	EN 438-2.5	Thickness tolerance	6 mm	$5 \leq T < 8 : 0, 4$
1.2	Size	EN 438-2.6	Length and width	8	$+10 / - 0$
1.3	Straightness of edges	EN 438-2.7	Straightness of edges	mm/m	$\leq 1, 5$
1.4	Squareness	EN 438-2.8	Squareness	mm/m	$\leq 1, 5$
1.5	Flatness	EN 438-2.9	Flatness (measured on full size sheet).	mm/m	$2,0 \leq T < 6, 0 : 8$
2	PHYSICAL PROPERTIES				
2.1	Flexural Modulus	EN ISO 1 78	Stress	Mpa	≥ 9000
2.2	Flexural Strength	EN ISO 1 78	Stress	Mpa	≥ 80
2.3	Tensile Strength	EN ISO 527-2	Stress	Mpa	≥ 60
2.4	Density	EN ISO 1183	Density	gm/cm ³	$\geq 1,35$
2.5	Resistance to impact with large diameter ball	EN 438-2.21	Indent. dia 10mm $2 \leq T < 6$ mm Drop Height	min.	≥ 1400
			Indent. dia 10mm $T \geq 6$ mm - Drop Height	min.	≥ 1800
2.6	Resistance to Wet Conditions	EN 438-2.15	Mass increase $-2 \leq T < 5$ mm	max. %	EGS/EDS - ≤ 7 , EGS/EDS - ≤ 10
			Mass increase $-2 \geq T < 5$ mm	max. %	EGS/EDS - ≤ 5 , EGS/EDS - ≤ 8
			Appearance	Rating	≥ 4
2.7	Dimensional stability at elevated temperatures	EN 438-2.17	Cumulative dimensional change- $2 \leq T < 5$ mm	Longitudinal %	$\leq 0, 40$
				Transversal %	$\leq 0, 80$
			Cumulative dimensional change- $2 \geq T < 5$ mm	Longitudinal %	$\leq 0, 30$
				Transversal %	$\leq 0, 60$
3					
3.1	Resistance to Climatic Shock	EN 438-2.19	Thermal Shock Resistance - Appearance	Rating	≥ 4
3.2	Resistance to Artificial Weathering	EN 438-2.29	Contrast	Grey scale rating	≥ 3

CERTIFICATES



CE



ISI



IAF



ZERO EMISSION



GRIHA



IGBC



GREEN PRO



CARB 2



ISO 45001



ISO 14001



ISO 9001:2015



FIRE RETARDANT



ANTI VIRAL



ANTI BACTERIAL



ANTI-FADE ASSURANCE



ANTI-SALT FORMATION

B O U N D L E S S C R E A T I V I T Y

STONES & MARBLES



324



W 8.5 X H 8.5 Inch

324 • Midnight Stone



2031



W 8.5 X H 4 Inch

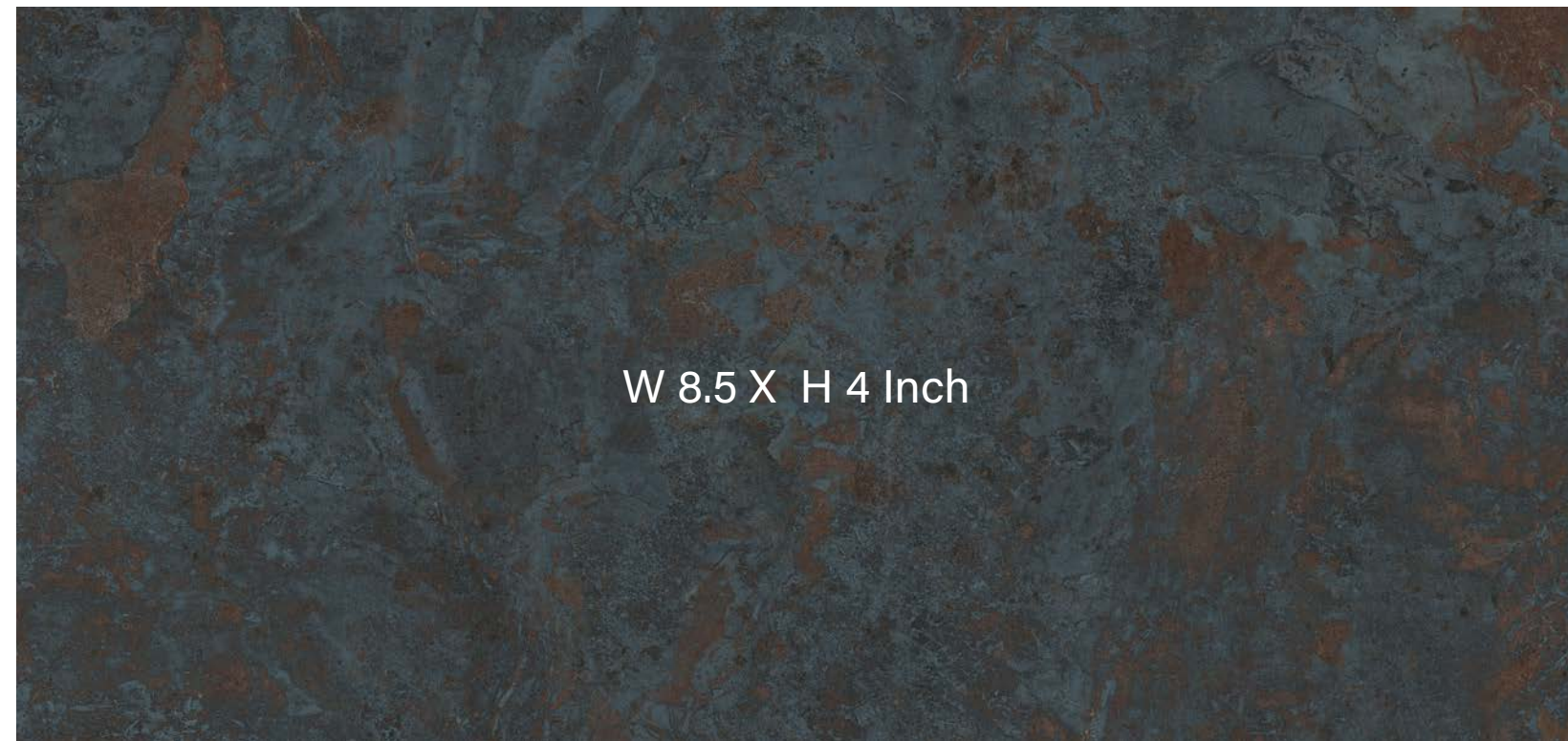
2031 ▪ Volcano



W 8.5 X H 8.5 Inch

2034 ▪ ORIGINAL PINE





W 8.5 X H 4 Inch

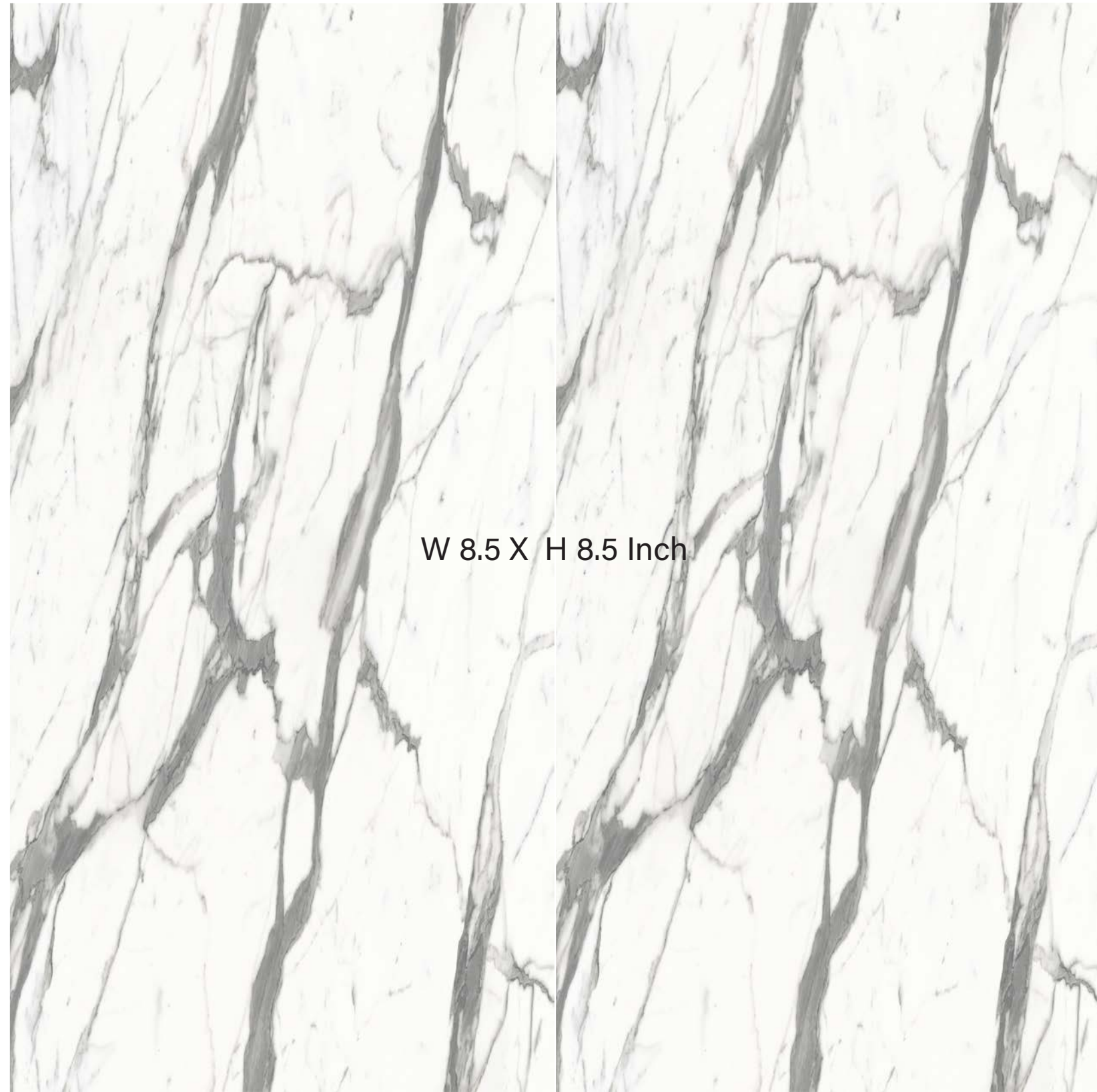
2032 ▪ Volcanic Stone



W 8.5 X H 8.5 Inch

2028 ▪ Fire Fiesta





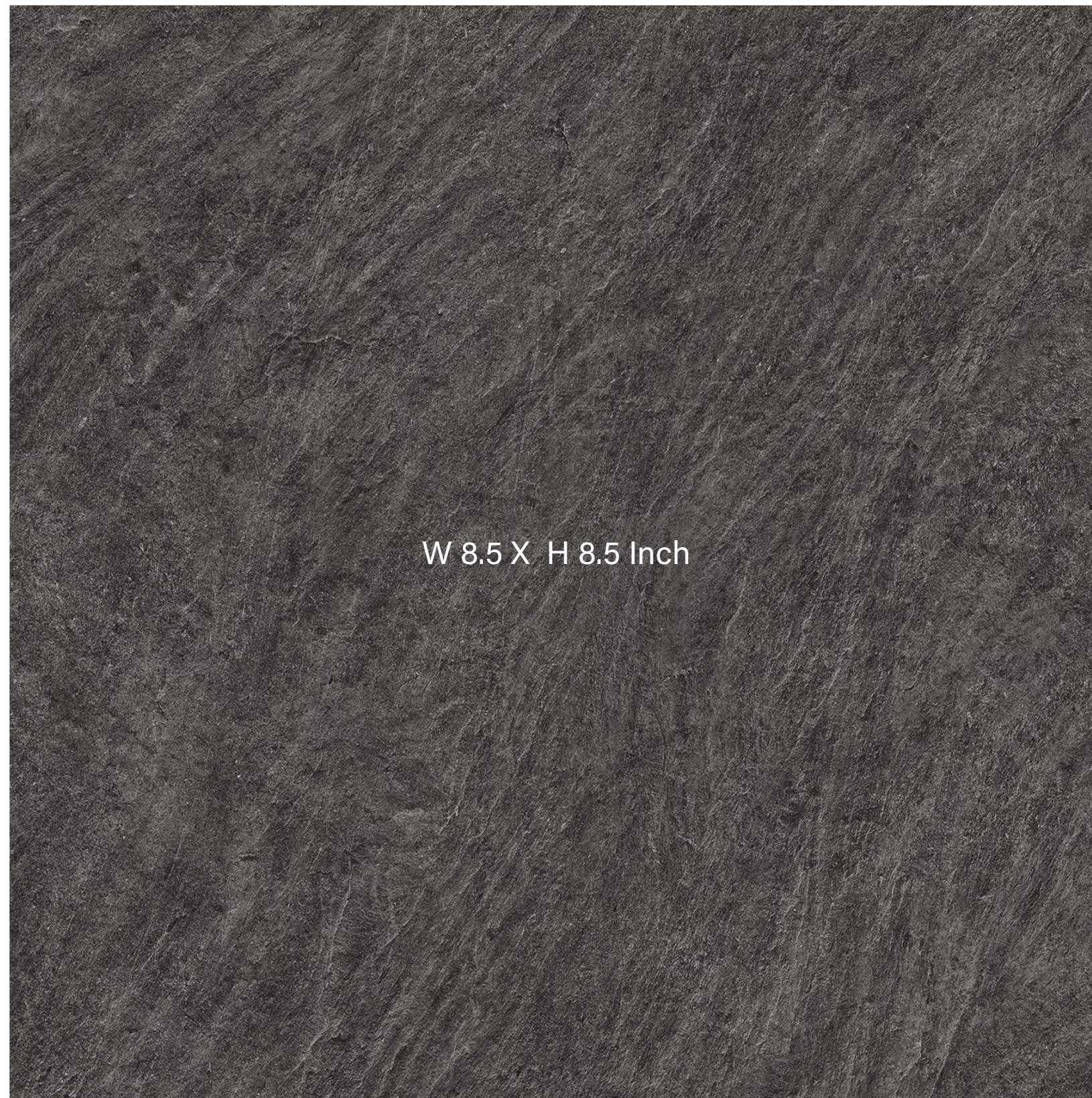
W 8.5 X H 8.5 Inch

414 ▪ Satvario Marble





7030 ▪ Ashen Granite 

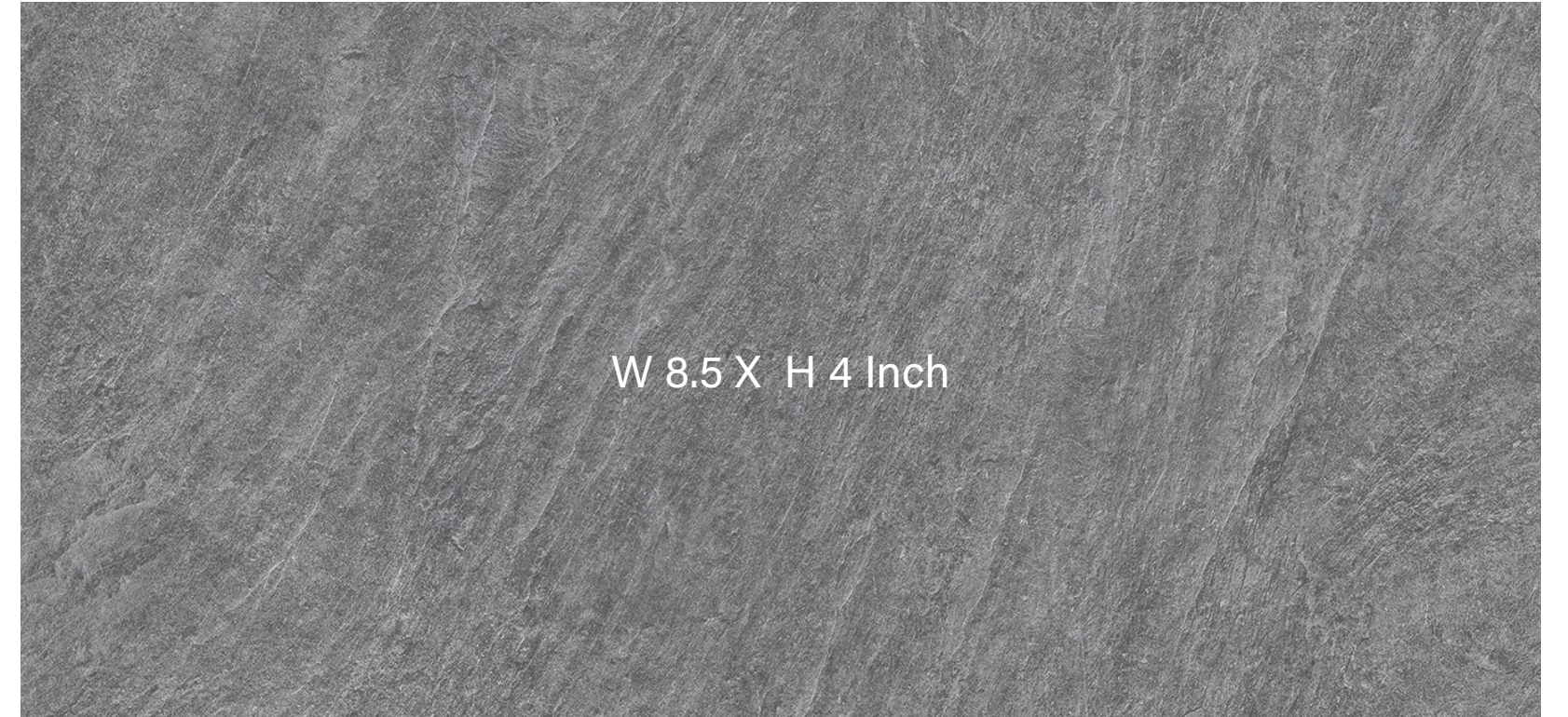


7030 GS ▪ Ashen Granite 



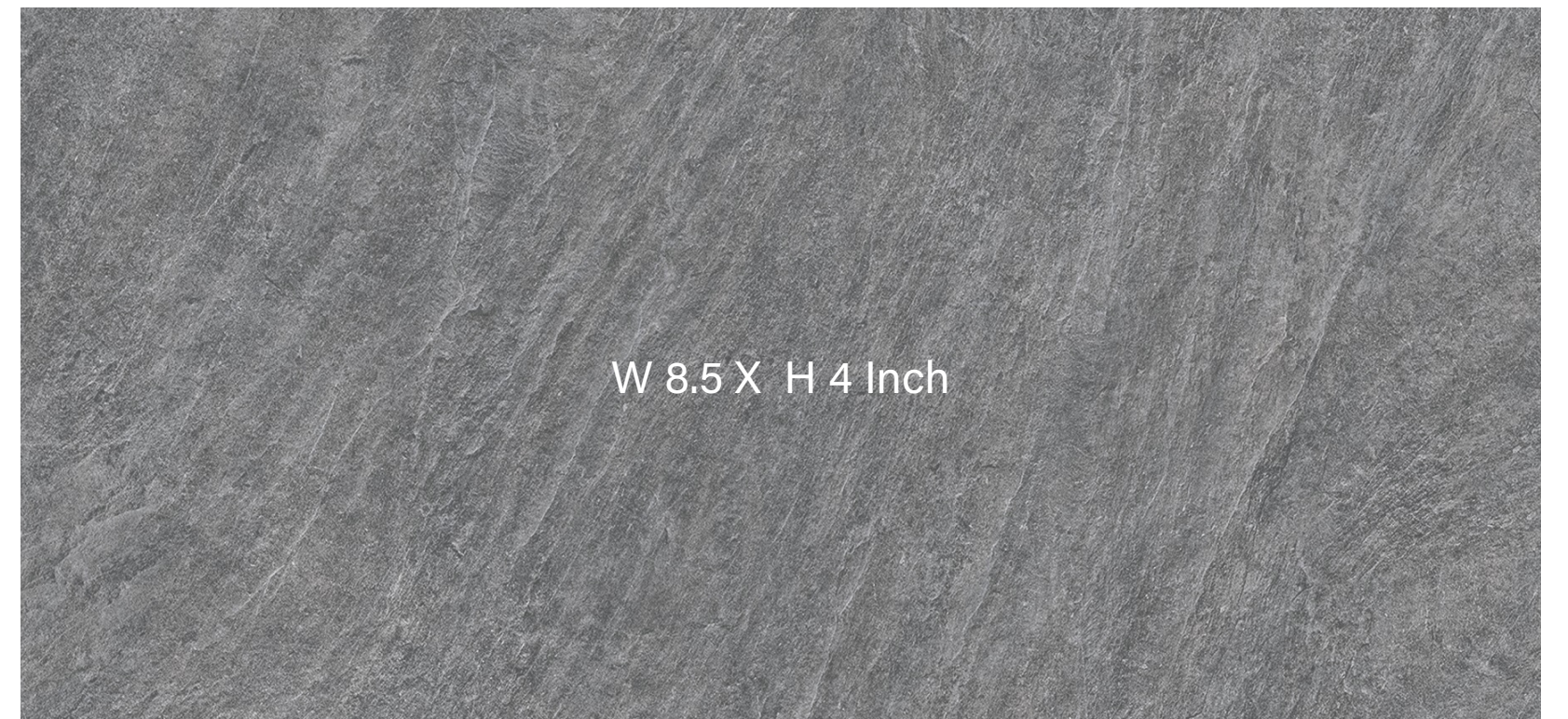
W 8.5 X H 8.5 Inch

7037 SF ▪ Charcoal Mosaic 



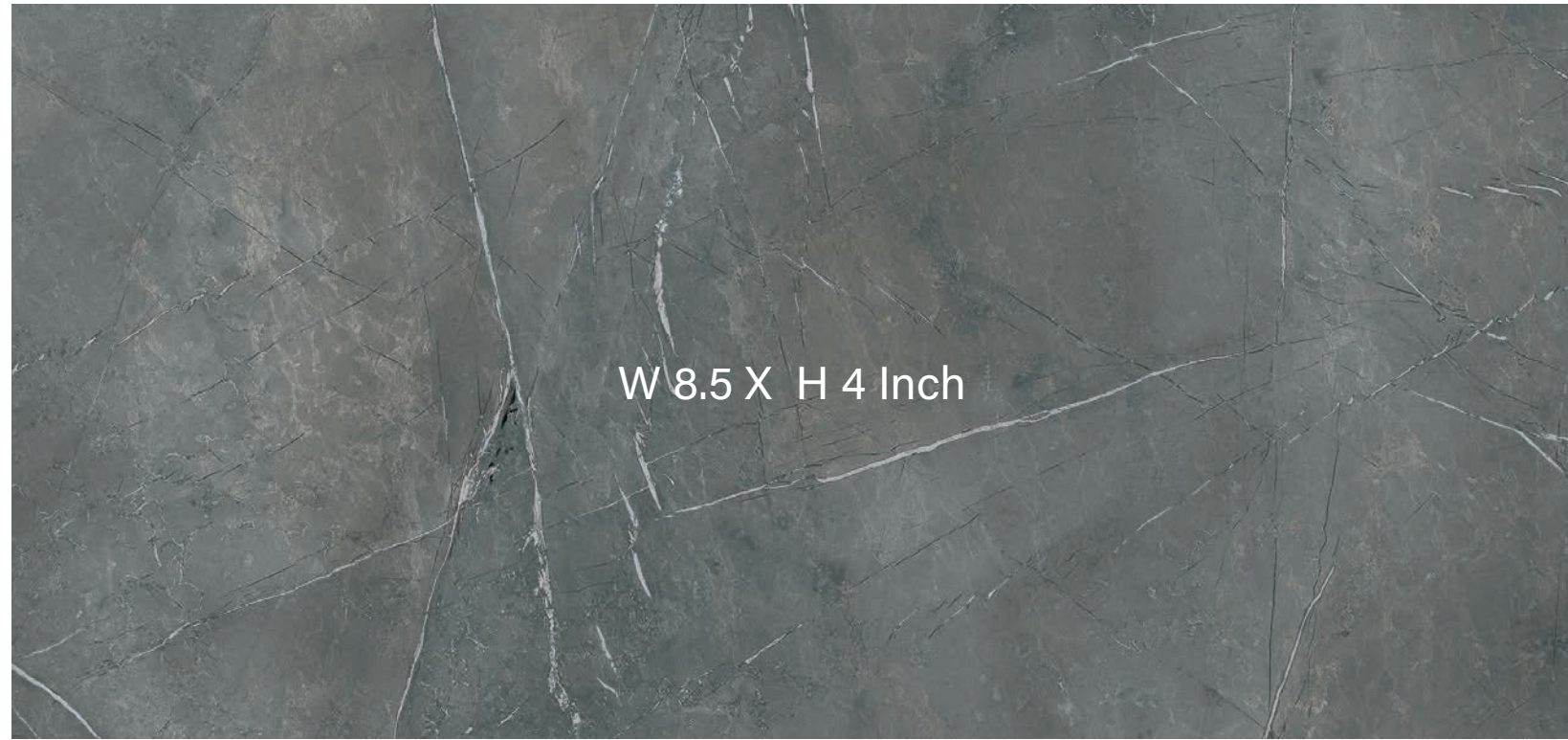
W 8.5 X H 4 Inch

7031 GS ▪ Silver Coast 

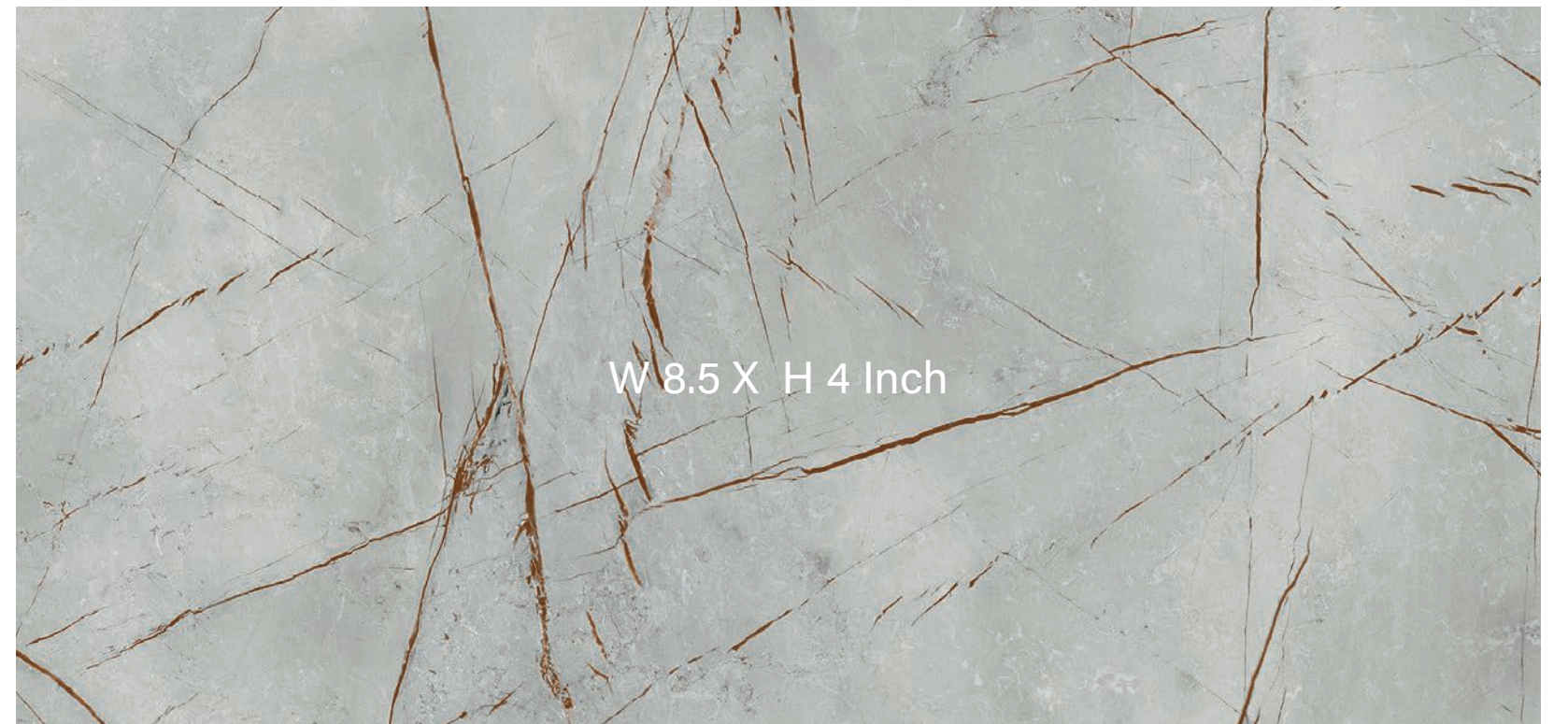


W 8.5 X H 4 Inch

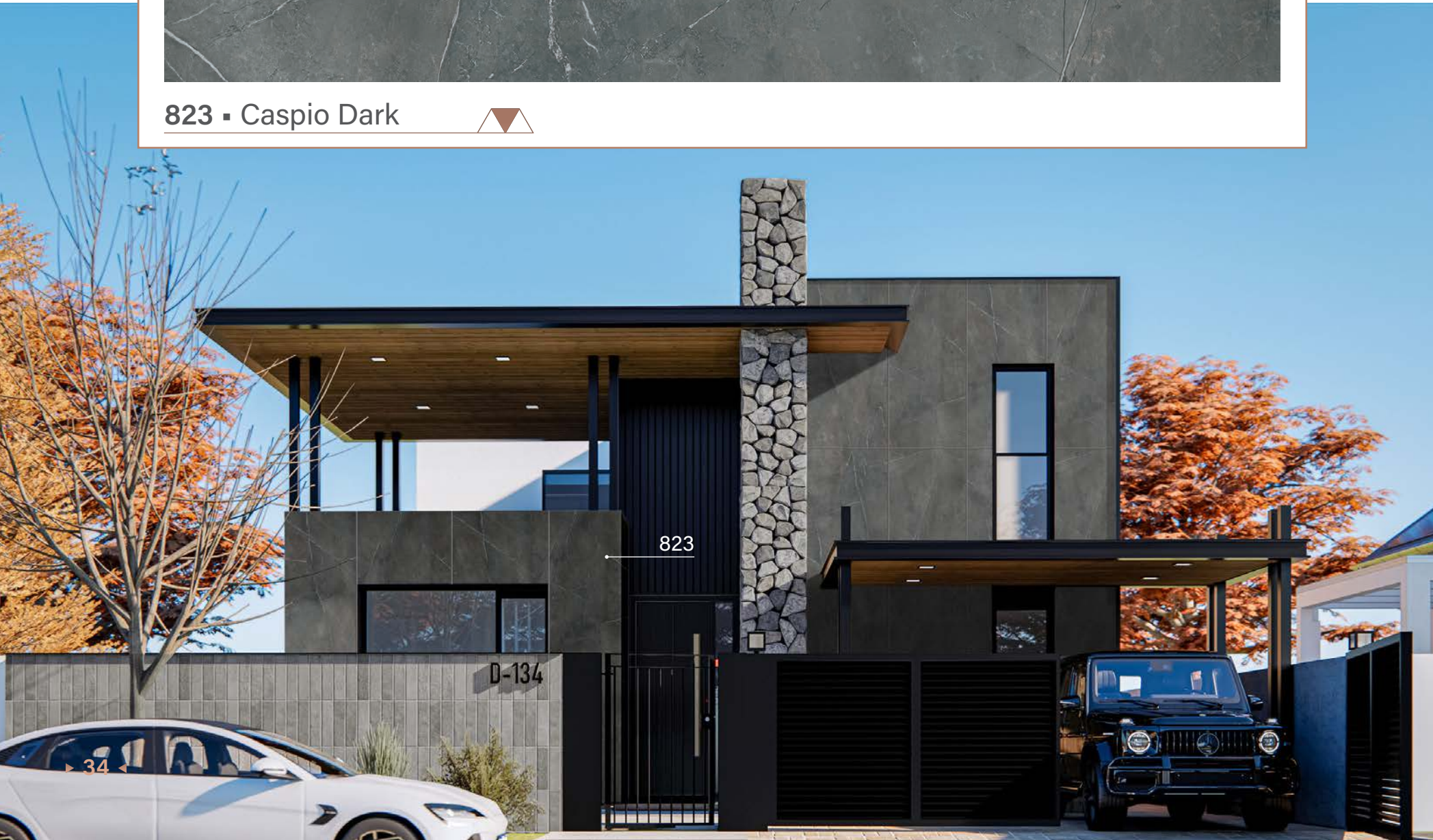
7031 SF ▪ Silver Coast 



823 ▪ Caspio Dark



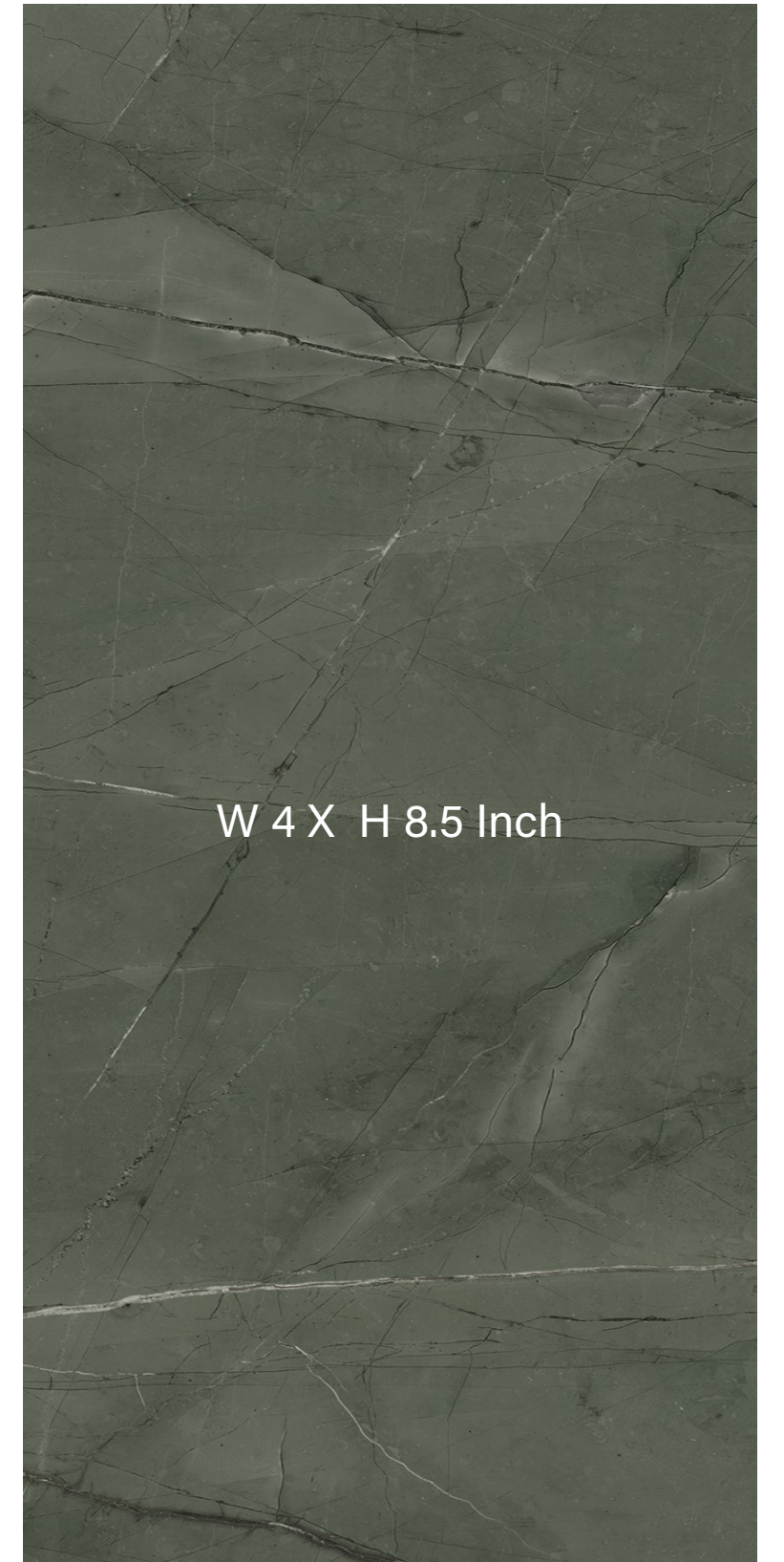
822 ▪ Caspio Light





W 4 X H 8.5 Inch

2029 ▪ Smoky Quartz



W 4 X H 8.5 Inch

420 ▪ Kalahari Green



7039 ▪ Mid Night Terrazo

An abstract geometric composition featuring several overlapping, angular planes in a warm, coppery-brown hue. These planes are set against a dark, charcoal grey background. The planes are decorated with a wood grain pattern, showing varying shades of brown and black. Thin, light-colored lines intersect the planes, creating a sense of depth and structure. The overall effect is a modern, architectural interpretation of wood grain.

WOOD GRAIN

B L I S S & G L E A M



WOOD GRAIN



W 8.5 X H 8.5 Inch

332 ▪ Novacino Pine





330



W 8.5 X H 4 Inch

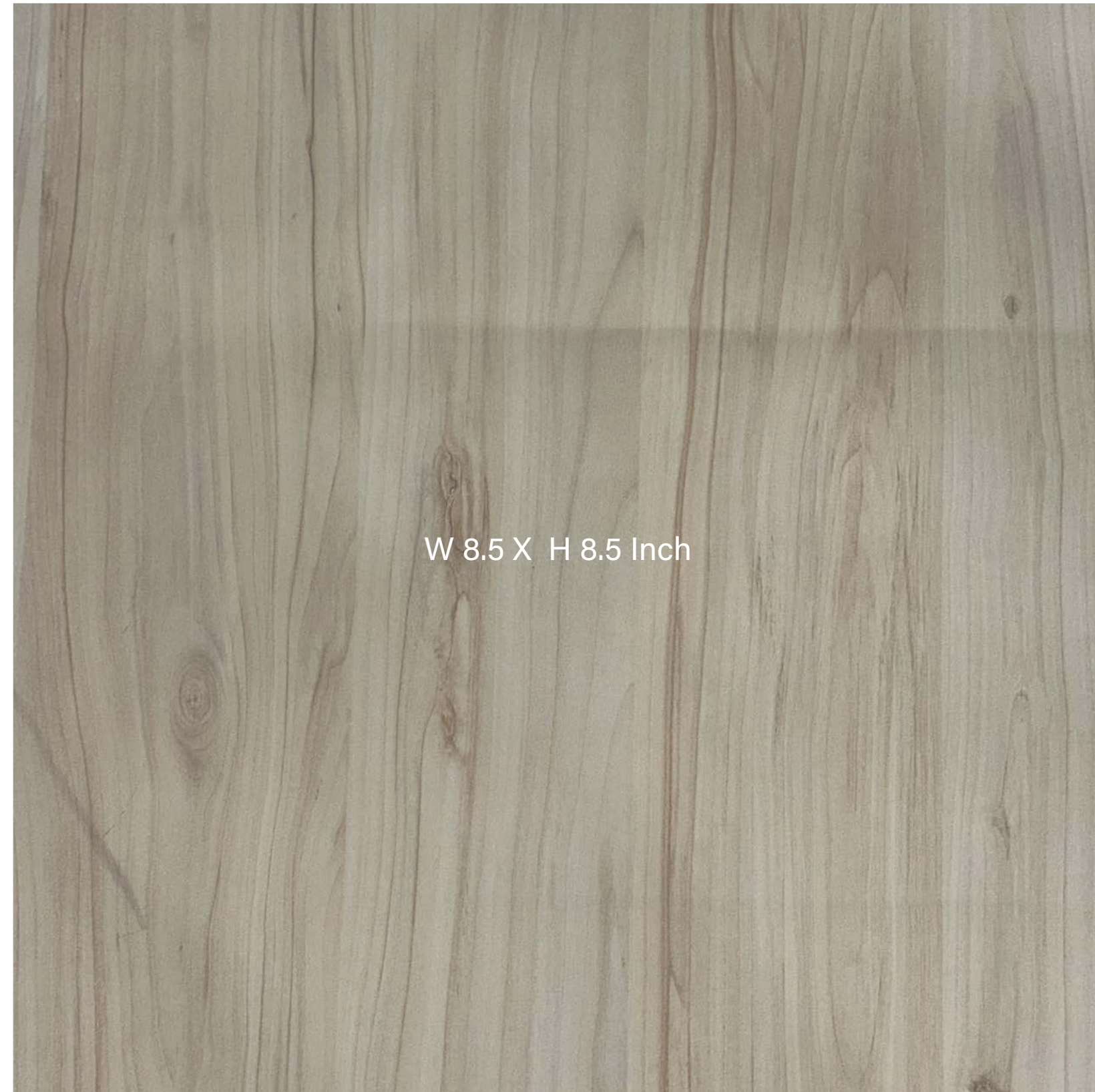
330 ▪ Autumn Walnut 

 WOOD GRAIN



W 8.5 X H 8.5 Inch

331 ▪ Choco Teak 



W 8.5 X H 8.5 Inch

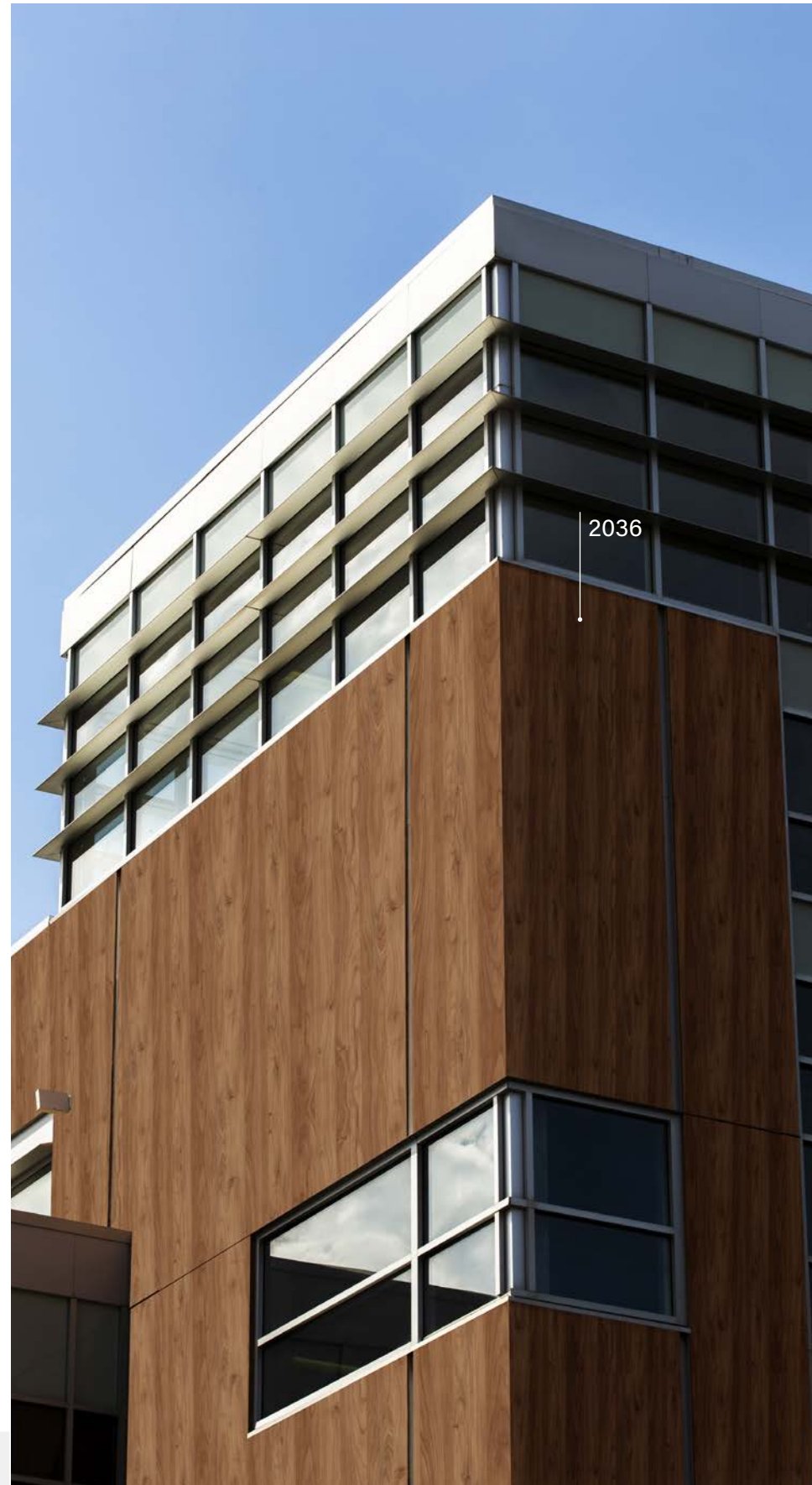
3741 ▪ Apple Wood



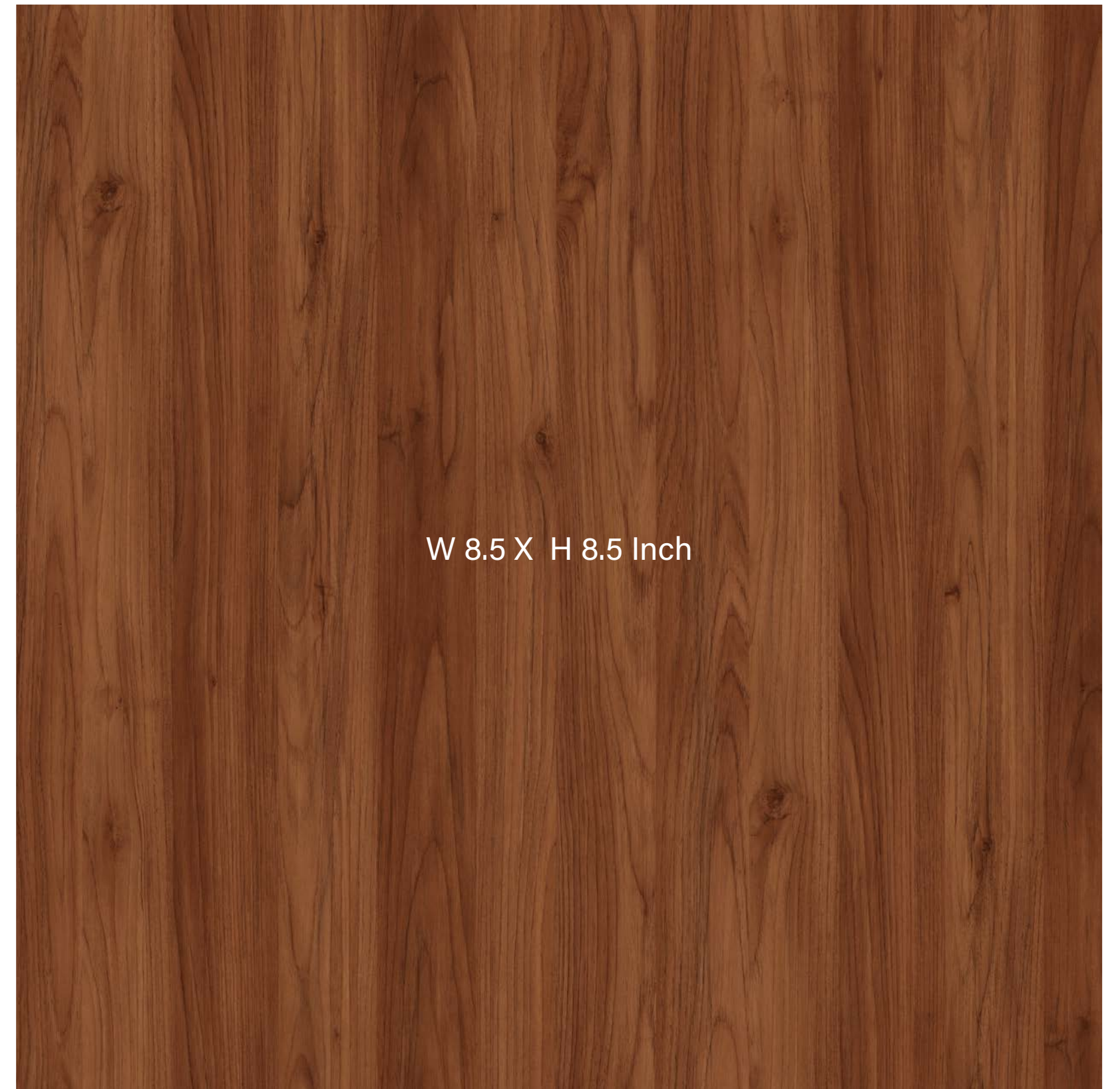


W 4 X H 8.5 Inch

94668 • Oak Bark



2036



W 8.5 X H 8.5 Inch

2036 • Caramel Wood



W 4 X H 8.5 Inch

328 ▪ Kashmere Oak



W 4 X H 8.5 Inch

329 ▪ Espresso Walnut





W 8.5 X H 4 Inch

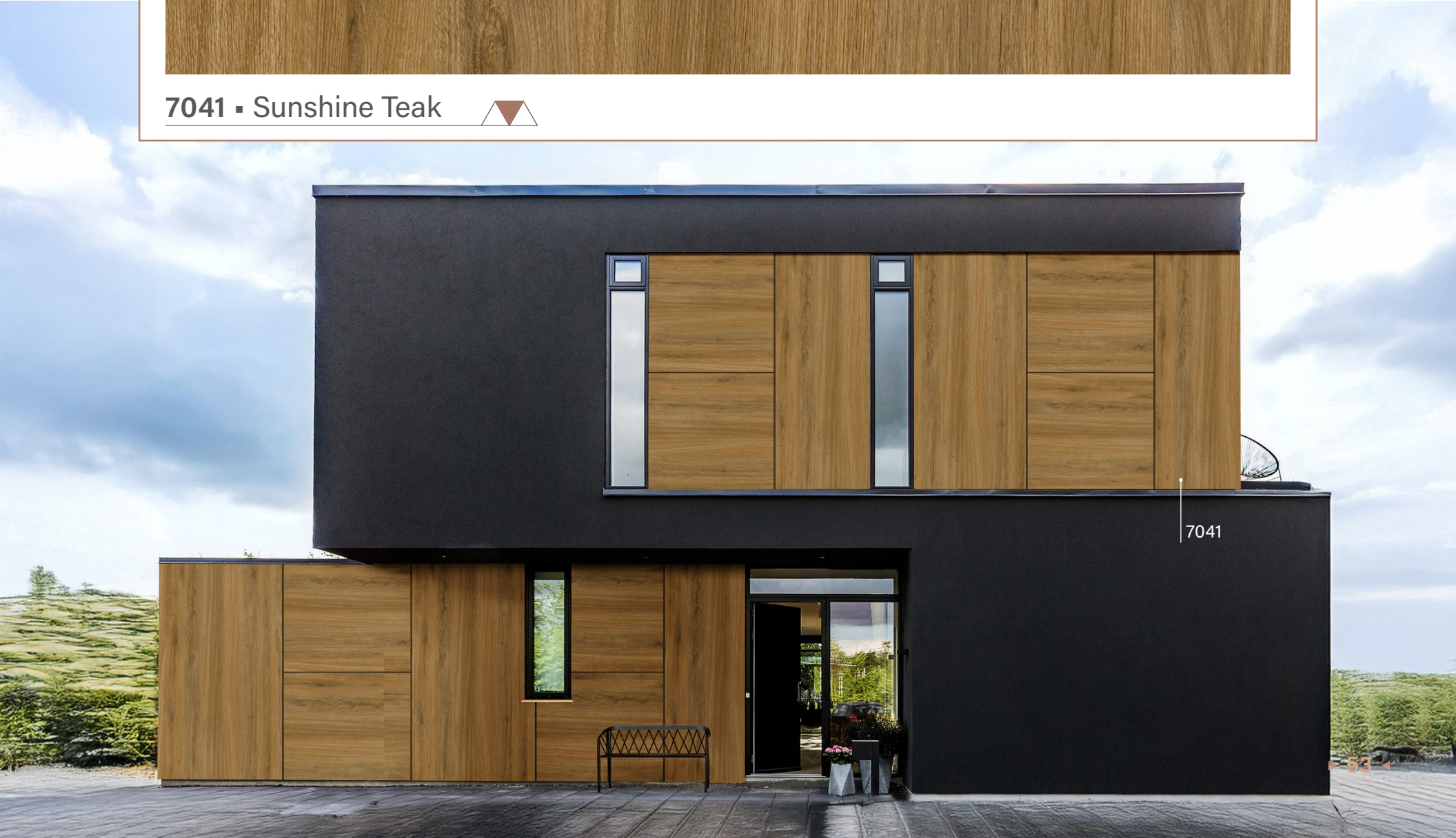
7043 ▪ Almond Walnut

WOOD GRAIN



W 8.5 X H 4 Inch

7041 ▪ Sunshine Teak





7042

WOOD GRAIN



W 8.5 X H 8.5 Inch

7042 • Ebony Essence





W 4 X H 8.5 Inch

7032 ▪ Acacia



W 8.5 X H 8.5 Inch

7044 ▪ Vintage Wood





W 4 X H 8.5 Inch

953 ▪ Lumbia Nussbaum



W 4 X H 8.5 Inch

416 ▪ Vancouver Maple



W 8.5 X H 8.5 Inch

2204 • Original Pine





W 4 X H 8.5 Inch

2035 • Zigzag Wood



2033

2035



W 4 X H 8.5 Inch

2033 • Noce Walnut





W 8.5 X H 4 Inch

453 ▪ Wisconsin Walnut



454



W 8.5 X H 4 Inch

454 ▪ American Elm



453



W 4 X H 8.5 Inch

2221 ▪ Trendy Wood



W 4 X H 8.5 Inch

484 ▪ Canyon Monument Oak



W 4 X H 8.5 Inch

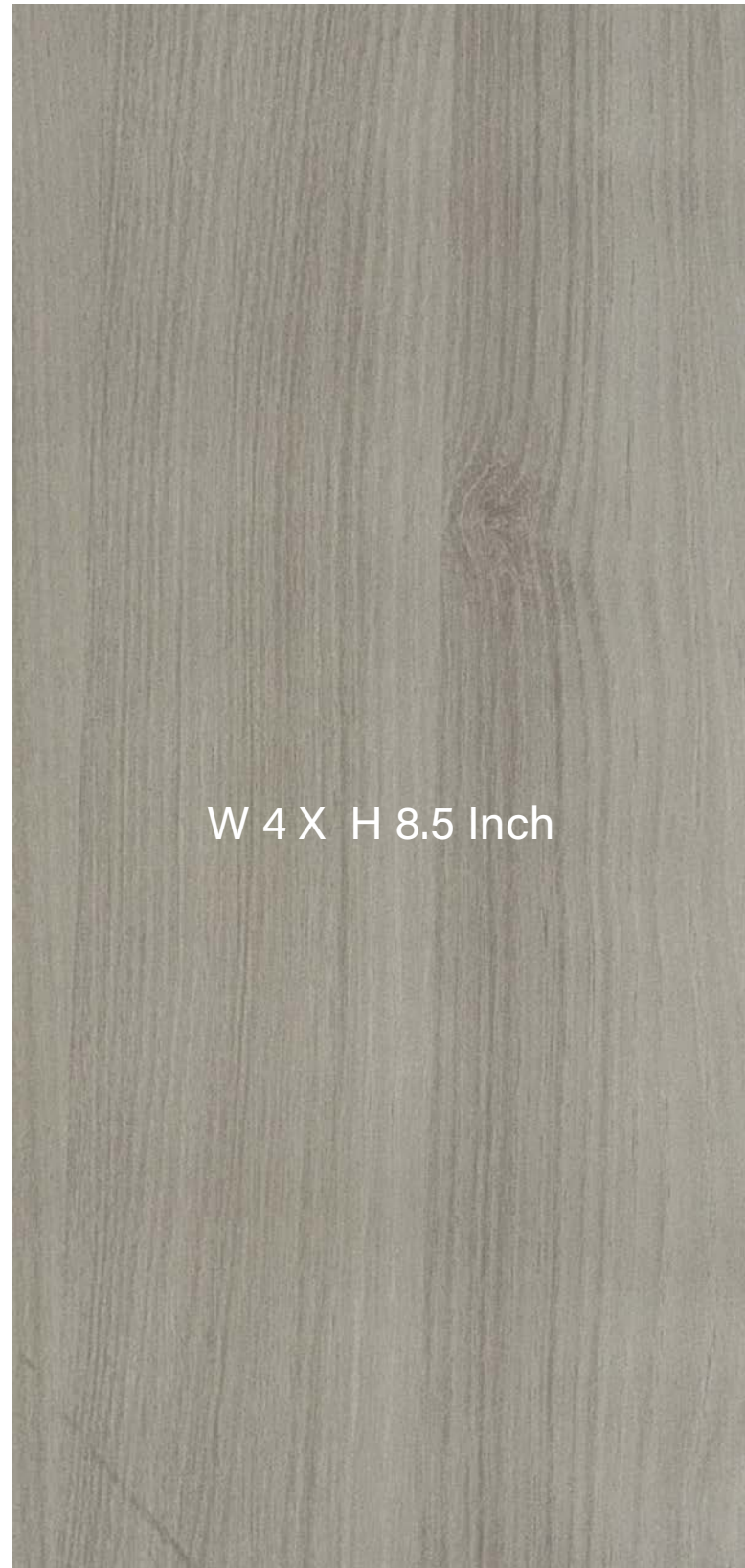
415 ▪ Wine Wood Oak





W 4 X H 8.5 Inch

433 ▪ Red Mahogany



W 4 X H 8.5 Inch

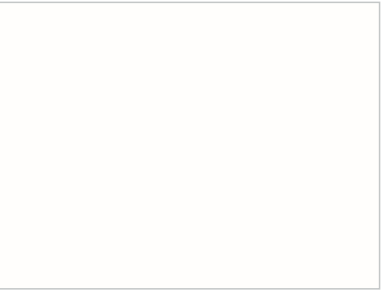
709 ▪ White Oak



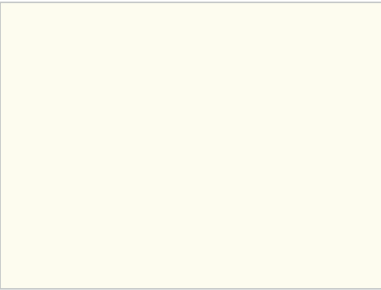
SOLIDS

P E R F E C T M A T C H

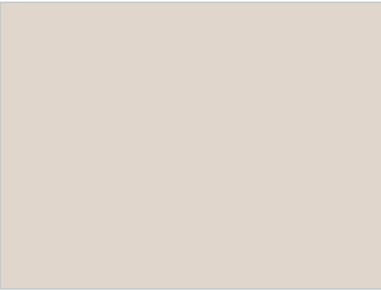




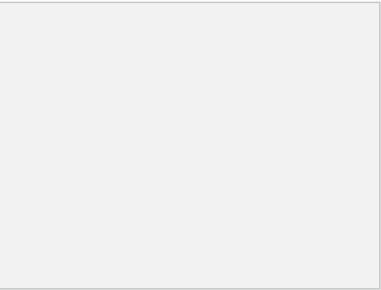
351 SF
EVEREST WHITE



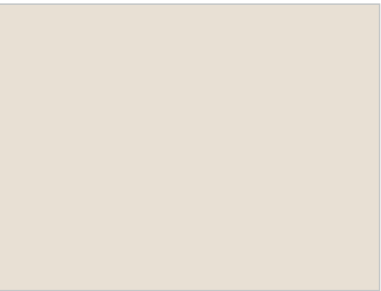
356 SF
MYSORE LVORY



358 SF
BIEGE



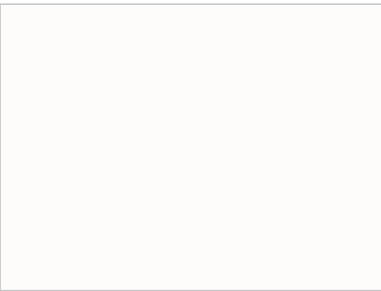
101 SF
WHITE



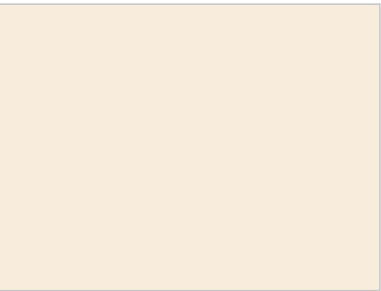
360 SF
PEANUT



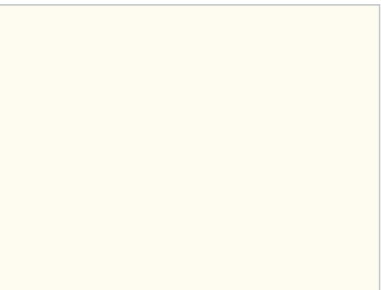
361 SF
DAWN GREY



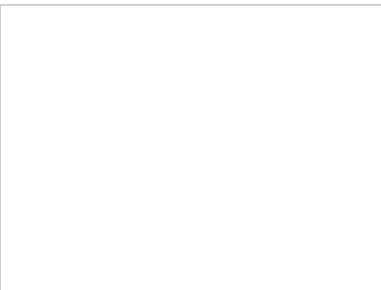
1118 SF
ARTIC WHITE



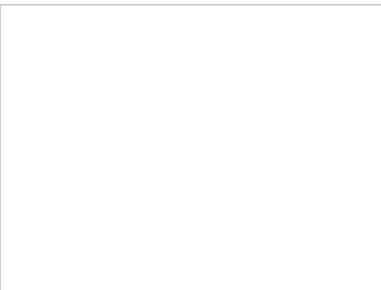
106 SF
IVORY



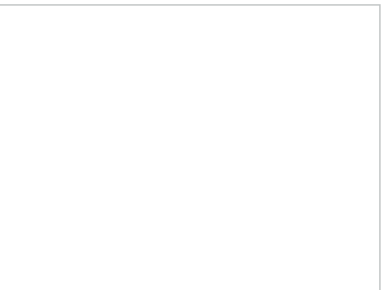
102 SF
FROSTY WHITE



3222 SF
Z BLACK



9011 SF
SKY BLUE



9012 SF
LIGHT GREEN



357 SF
CARDINAL RED



366 SF
CHOCOLATE



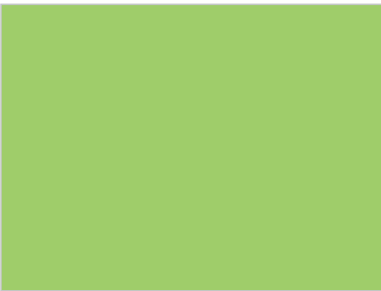
370 SF
GLACIER BLUE



371 SF
NAVY BLUE



372 SF
LAPIS BLUE



373 SF
PARROT GREEN



374 SF
HICKORY



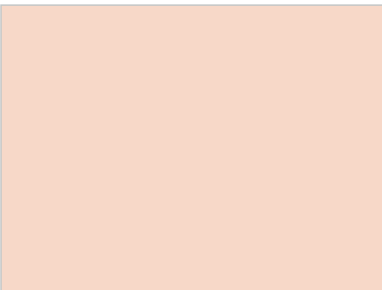
375 SF
BEAVER



377 SF
FLAMING ORANGE



381 SF
ORANGE



382 SF
BIEGE



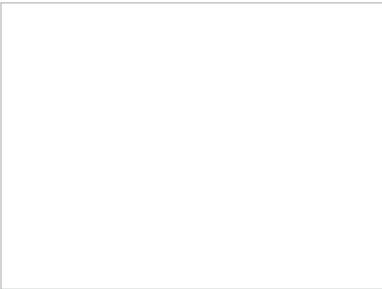
383 SF
MUD ASH



384 SF
CELASTIAL BLUE



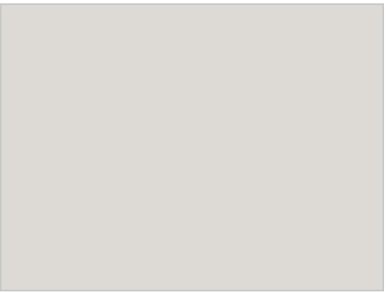
385 SF
KIWI GREEN



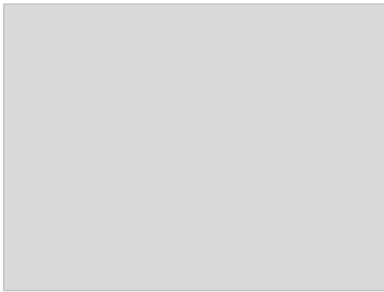
1121 SF
DAEK GREEN



147 SF
CITRUS YELLOW



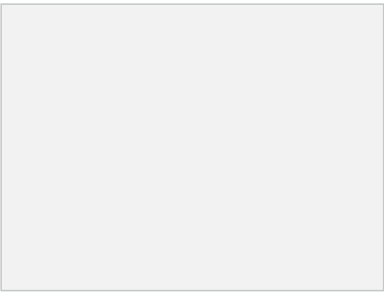
362 SF
PEWTER GREY



363 SF
PLATINUM GREY



364 SF
BEACH GREY



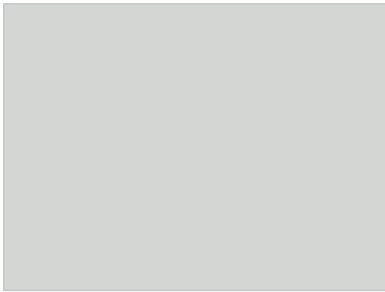
365 SF
PRINCESS GREY



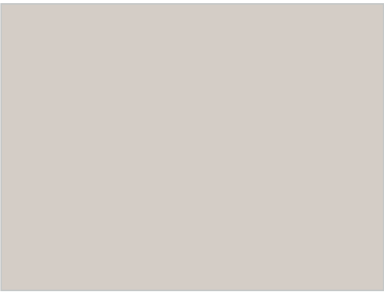
367 SF
CALIFORNIA GREY



368 SF
STORM GREY



376 SF
SILVER GREY



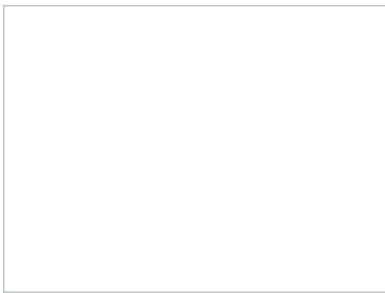
380 SF
SKY BLUE



387 SF
IRON GREY



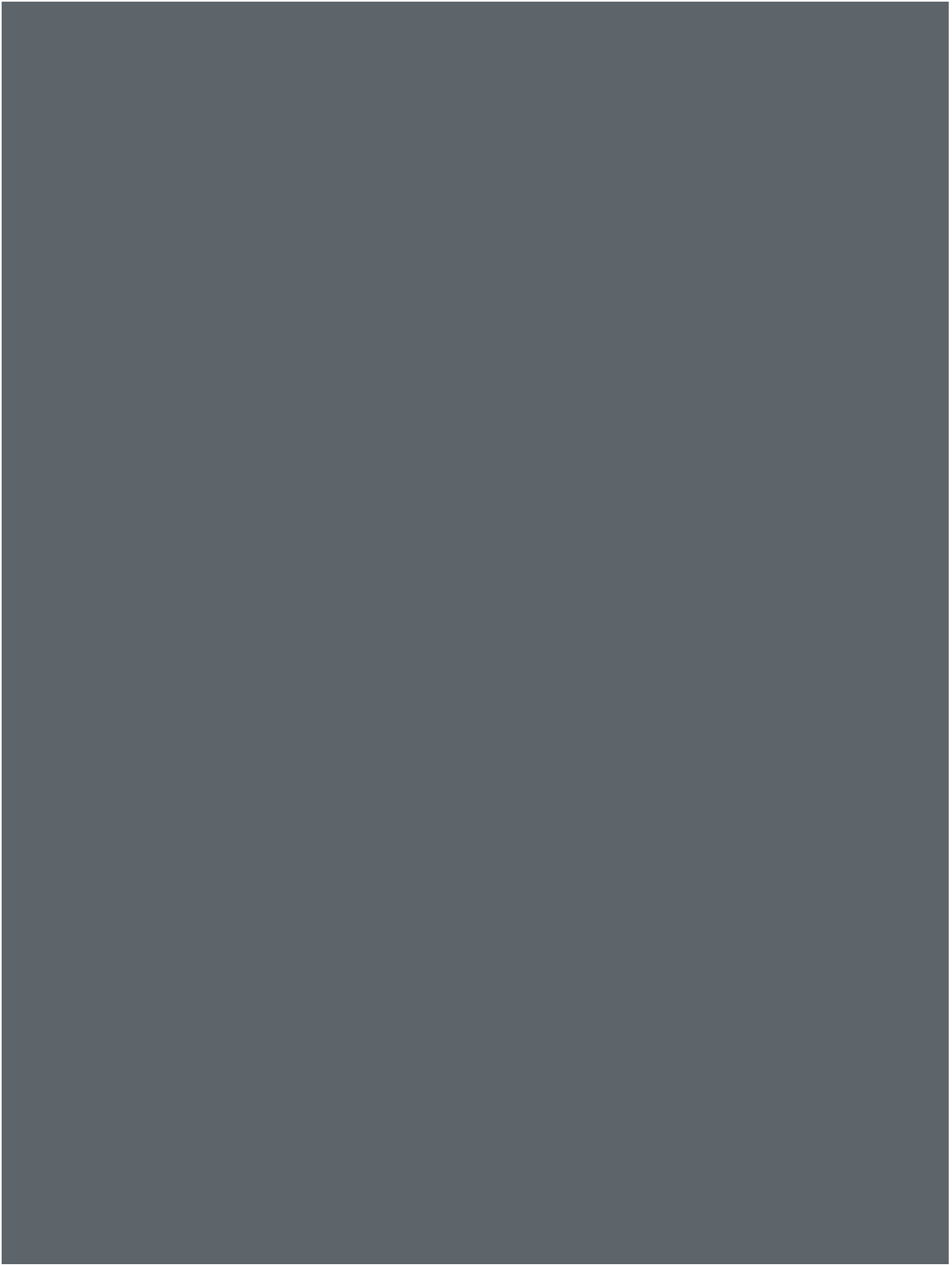
117 SF
SLATE



7011 SF
ANTHRACITE

D. No.	Design Name	Finish	P. No.
101	DESIGNER WHITE	SF	63
102	FROSTY WHITE	SF	63
106	IVORY	SF	63
129	RED	SF	64
136	DARK BLUE	SF	64
147	BRIGHT YELLOW	SF	64
151	GREEN	SF	64
184	COFFEE	SF	63
200	BLACK	SF	63
324	SHADOWED SEPIA	GS	26
365	PRINCESS GREY	SF	64
410	IVORY TERRAZO	GS	23
453	WISCONSIN WALNUT	SF	59
454	AMERICAN ELM	SF	56
484	CANYON MONUMENT OAK	SF	60
497	ITALIAN GRANITE	SF	37
498	LIGHT GRANITE	SF	38
662	BLACK STONE	SF	42
763	DARK CHARM	SF	60
806	WHITE CONVRETE	SF	41
807	GREY CONCRETE	SF	41
817	DELANO OAK LIGHT	SF	58
818	DELANO OAK DARK	SF	58
822	CASPIO LIGHT	SF	Z36

D. No.	Design Name	Finish	P. No.
823	CASPIO DARK	SF	35
2028	FIRE FIESTA	SF	32
2029	SMOKY QUARTZ	SF	27
2031	VOLCANO	SF	33
2032	VOLCANIC STONE	SF	31
2204	ORIGINAL PINE	SF	50
2221	TRENDY WOOD	SF	55
2222	TRAVENTINO MARBLE	SF	40
2233	GRANITE TIMBER	SF	34
7011	ANTHRACITE	SF	64
7030	ASHEN GRANITE	SF	21
7030	ASHEN GRANITE	GS	22
7031	SILVER COAST	GS	30
7031	SILVER COAST	SF	30
7032	ACACIA	SF	51
7037	CHARCOAL MOSAIC	SF	29
7038	VANILLA TAPESTRY	SF	28
7039	MID NIGHT TERRAZO	SF	20
7041	SUNSHINE TEAK	SF	48
7042	EBONY ESSENCE	SF	46
7043	ALMOND WALNUT	SF	47
7044	VINTAGE WOOD	SF	52
7722	HASTING SANDAL	SF	54
-	-	-	-



6 MM SAMPLE