



Samrat PLYWOOD LIMITED

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CLADAGE
— Redefining Exterior Elegance —

**ANTI-FADE
ASSURANCE**



**ANTI-FADE
ASSURANCE**

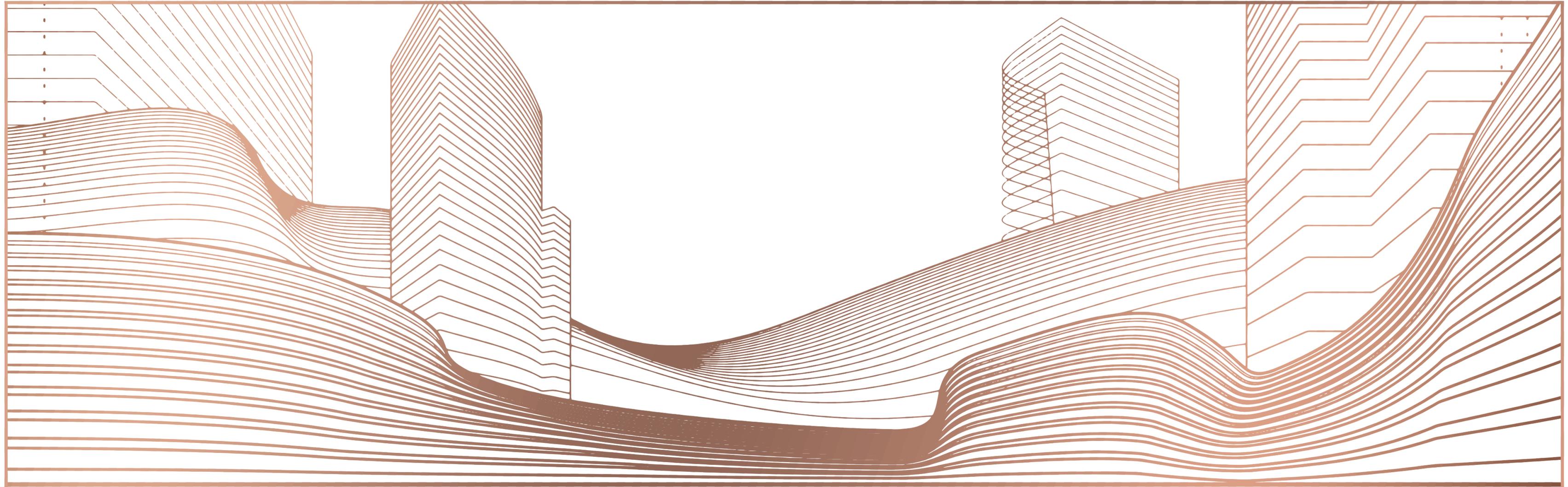


CLADAGE
— Redefining Exterior Elegance —

PREMIUM QUALITY EXTERIOR FACADE HPL CLADDING

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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:

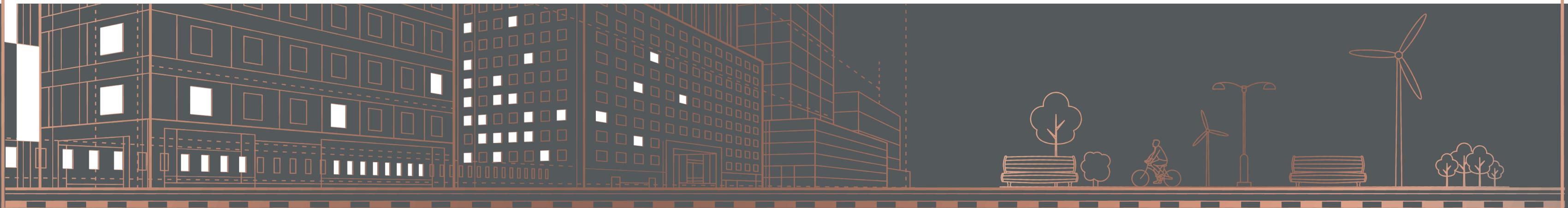
Crafted with precision, all our panels utilize **Virgin Kraft** primarily **imported from Sweden and the USA**, ensuring unmatched quality, strength, and durability.

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)

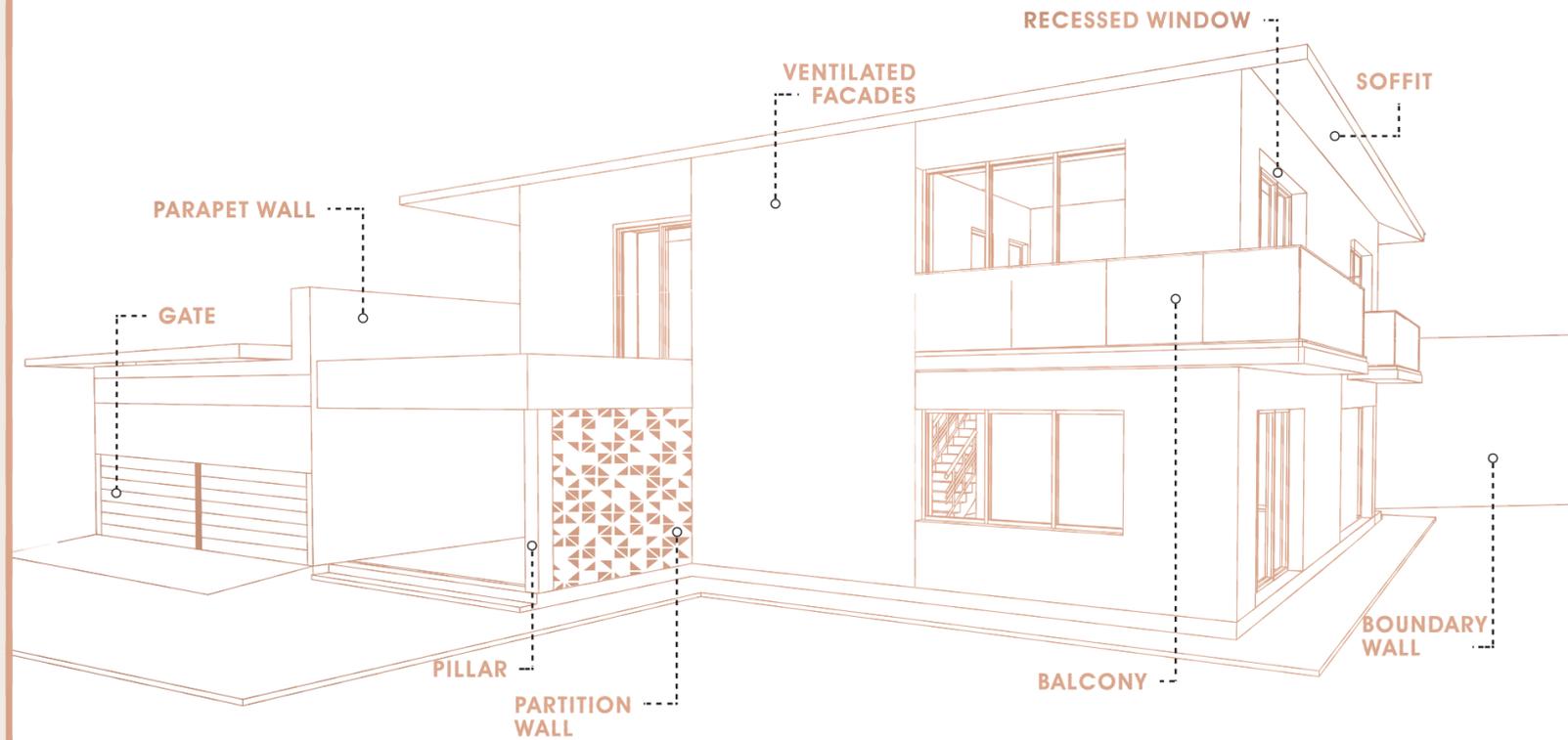
*Climatic conditions across geographies may affect the product performance, Hence, warranty will vary across countries. Contact business manager for more details.

PRODUCT ADVANTAGES OF CLADAGE

	HARDWOOD	ACP	GLASS	STONE	TILE	SAMRAT CLADAGE
Fire Retardant	×	×	✓	✓	✓	✓
Easy to Maintain	×	✓	×	×	✓	✓
Quick & Easy Installation	✓	✓	×	×	✓	✓
Durability	×	×	×	✓	✓	✓
Anti-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 slims
- Tables
- Worktops, countertops
- Vanity units
- Cubicles
- Display/shop systems

EXTERIOR

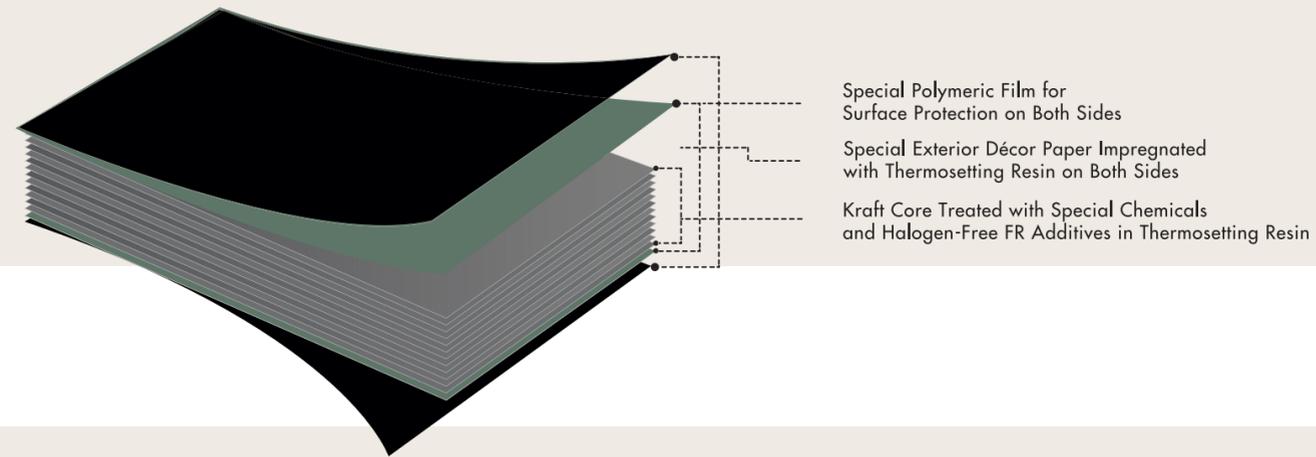
- Balconies
- Facades
- Furniture and signs
- Urban elements
- Orientation systems

SOFFIT	BALCONY	BOUNDRY WALL
RECESSED WINDOW	GATE	PARTITION WALL
VENTILATED FACADES	PARAPET WALL	PILLAR

PRODUCT CONSTRUCT

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.



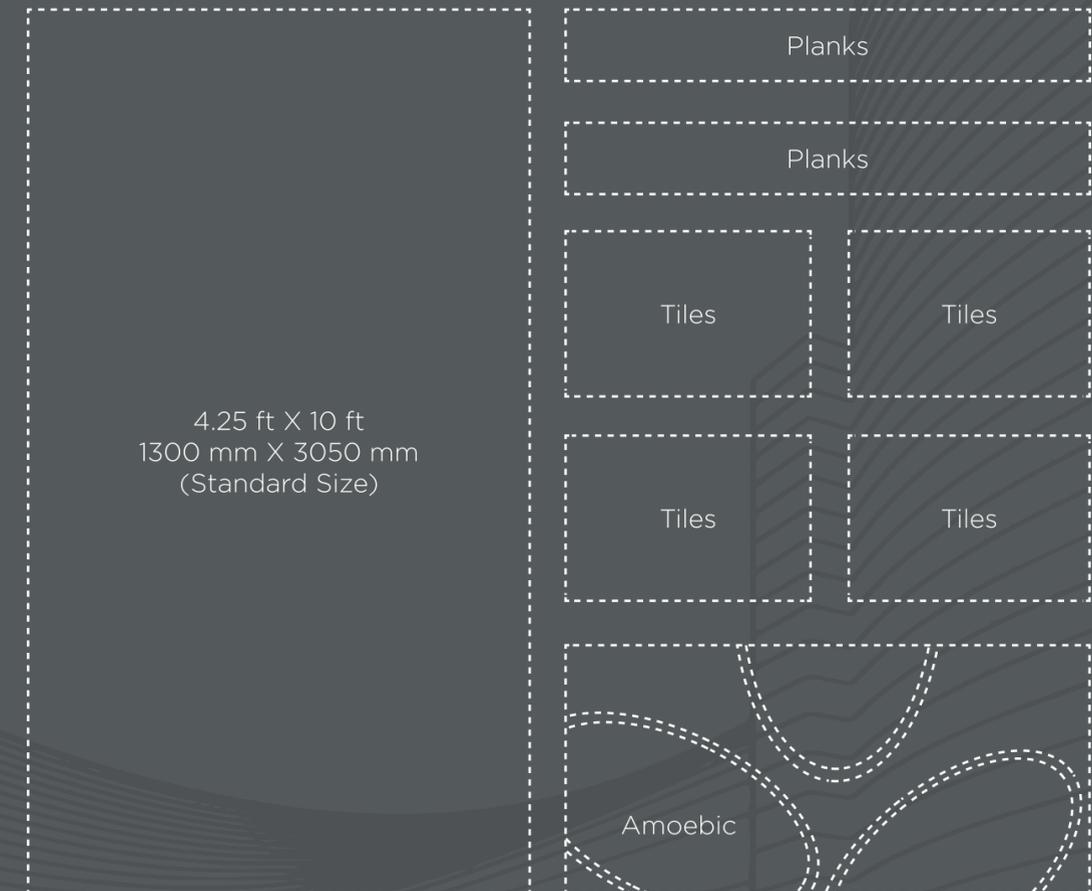
THE PRODUCT IS MADE UP OF:

- 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 made using extreme light stable pigments, special chemicals, and inks that are then impregnated with melamine resins. The decorpaper is rated 3-5 on 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.

PRODUCT SPECIFICATIONS

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

INSTALLATION PATTERNS



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	$5 < T < 8 : 0, 4$
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	$2,0 < T < 6, 0 : 8$
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	$\geq 1,35$
2.5	Resistance to impact with large diameter ball	EN 438-2.21	Indent. dia 10mm $2 < T < 6$ mm Drop Height Indent. dia 10mm $T \geq 6$ mm - Drop Height	min. min.	≥ 1400 ≥ 1800
2.6	Resistance to Wet Conditions	EN 438-2.15	Mass increase $-2 < T < 5$ mm Mass increase $-2 \geq T < 5$ mm Appearance	max. % max. % Rating	$\frac{EGS}{EDS} < 7$, $\frac{EGS}{EDS} < 10$ $\frac{EGS}{EDS} < 5$, $\frac{EGS}{EDS} < 8$ ≥ 4
2.7	Dimensional stability at elevated temperatures	EN 438-2.17	Cumulative dimensional change- $2 < T < 5$ mm Cumulative dimensional change- $2 \geq T < 5$ mm	Longitudinal % Transversal % Longitudinal % Transversal %	$\leq 0, 40$ $\leq 0, 80$ $\leq 0, 30$ $\leq 0, 60$
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



BOUNDLESS CREATIVITY

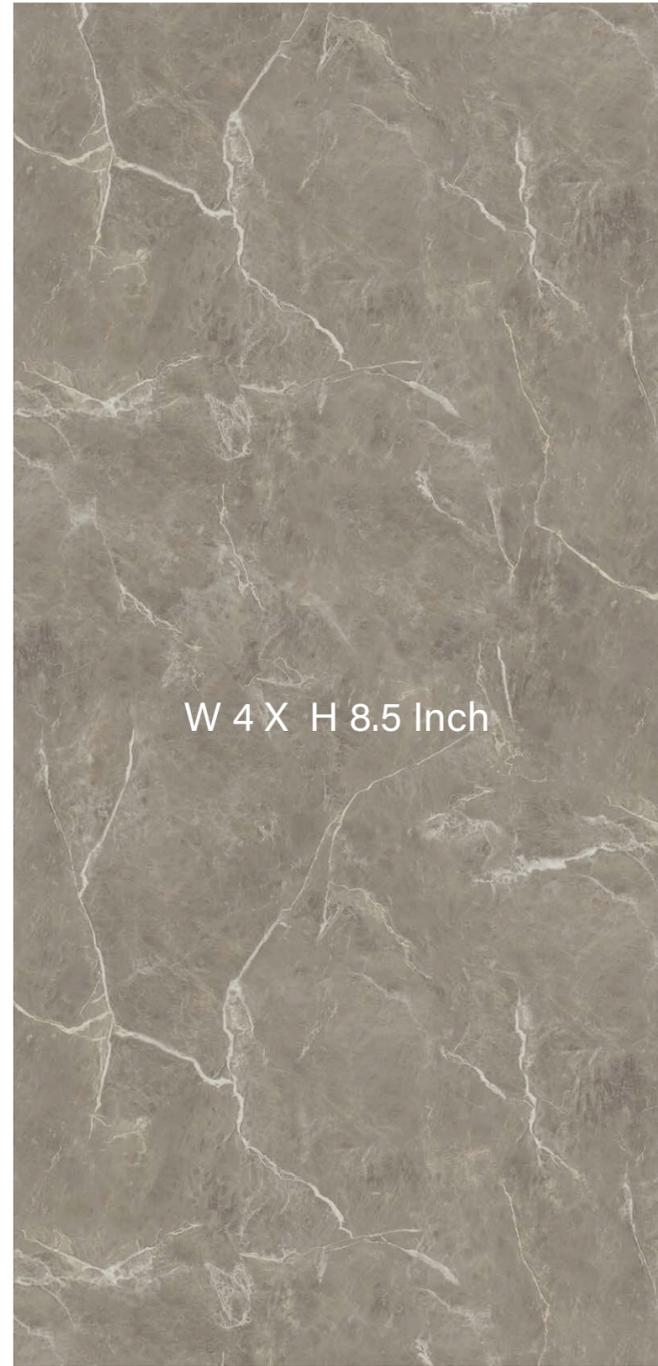
STONES & MARBLES



W 8.5 X H 8.5 Inch

324 SF • Midnight Stone





W 4 X H 8.5 Inch

2029 SF • Smoky Quartz



W 4 X H 8.5 Inch

420 SF • Kalahari Green





2039



W 8.5 X H 4 Inch

2039 SF • Brown Travertine



W 8.5 X H 8.5 Inch

2040 SF • White Travertine



2031



W 8.5 X H 4 Inch

2031 SF • Volcano



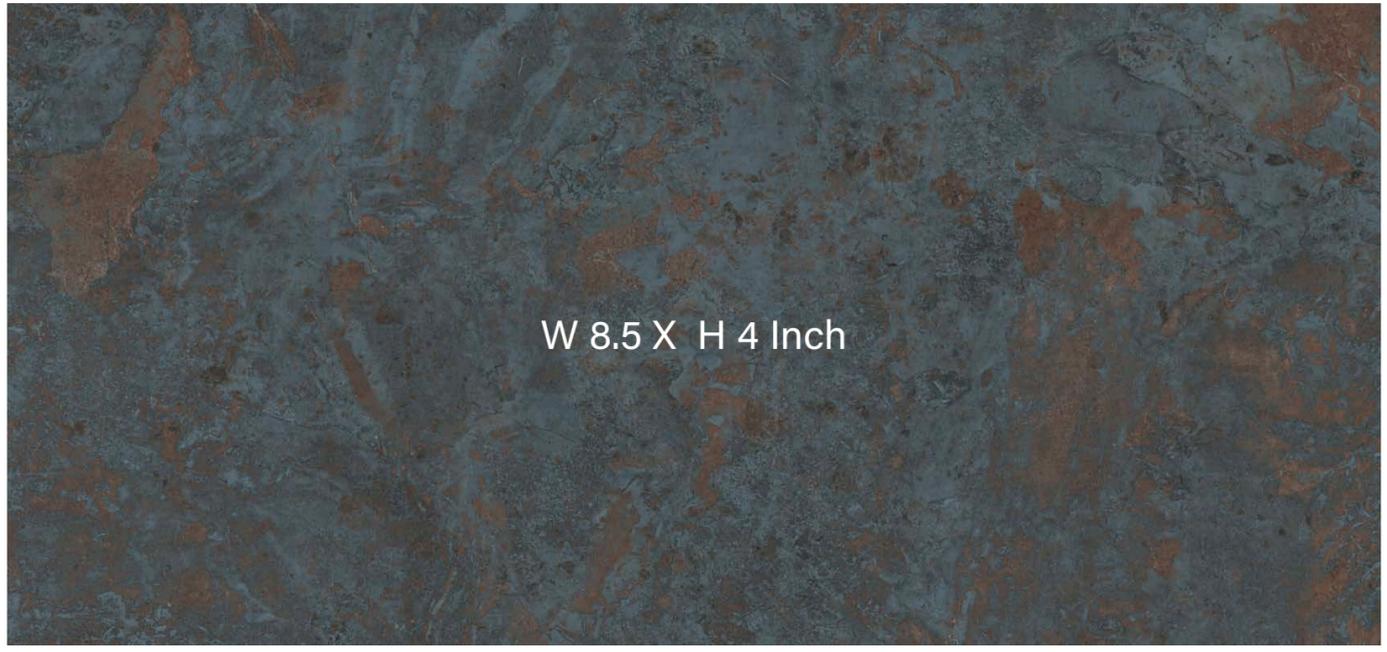
W 8.5 X H 8.5 Inch

2034 SF • ORIGINAL PINE



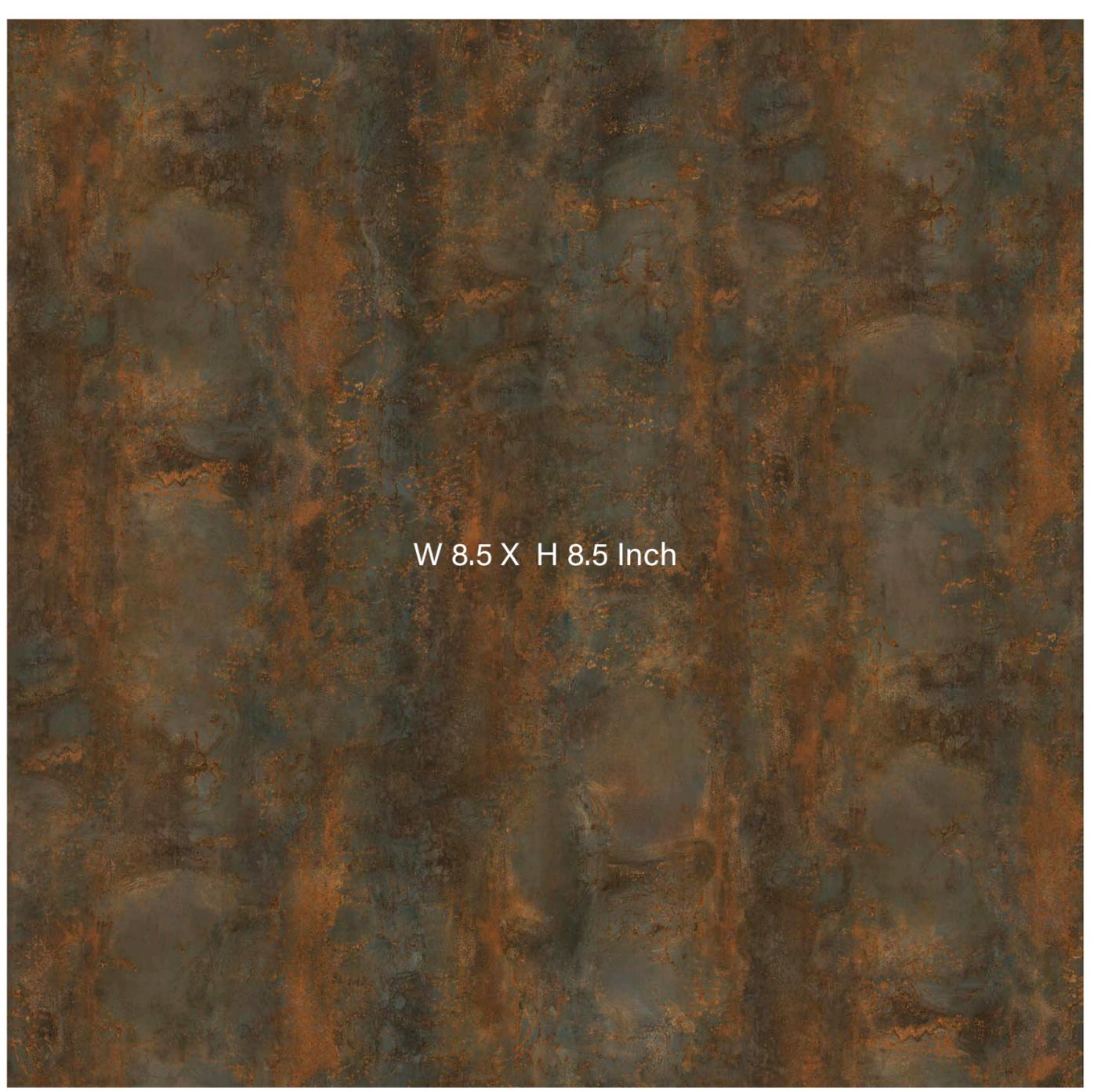


2032



W 8.5 X H 4 Inch

2032 SF ▪ Volcanic Stone



W 8.5 X H 8.5 Inch

2028 SF ▪ Fire Fiesta





W 8.5 X H 8.5 Inch

414 SF • Satvario Marble





W 8.5 X H 4 Inch

7030 SF • Ashen Granite



W 8.5 X H 8.5 Inch

7030 GS • Ashen Granite





W 8.5 X H 8.5 Inch

7037 SF ▪ Charcoal Mosaic



W 8.5 X H 4 Inch

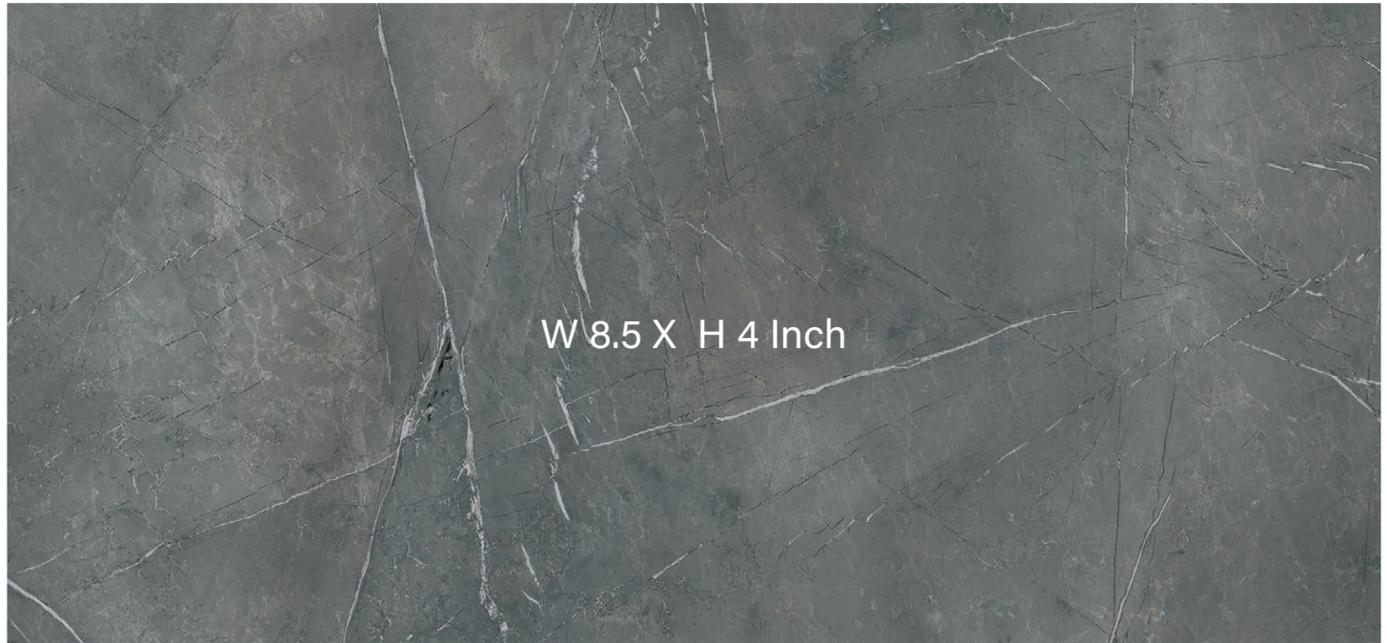
7031 GS ▪ Silver Coast



W 8.5 X H 4 Inch

7031 SF ▪ Silver Coast



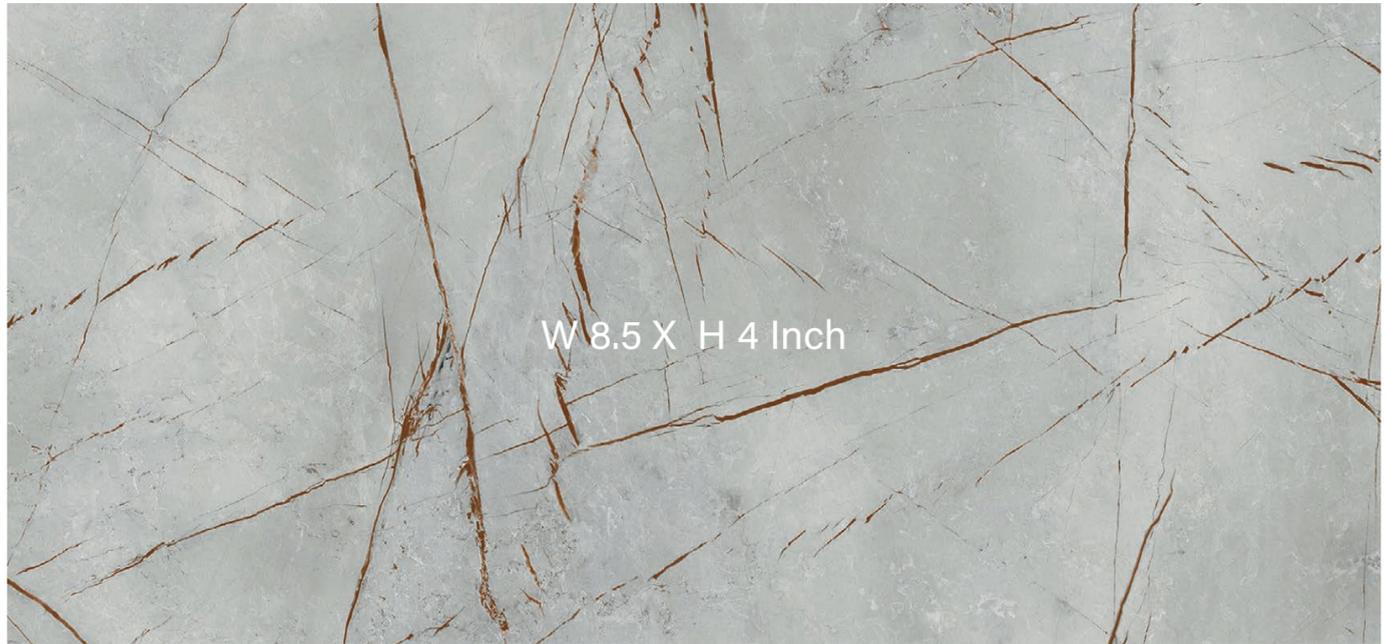


W 8.5 X H 4 Inch

823 SF - Caspio Dark



822



W 8.5 X H 4 Inch

822 SF - Caspio Light



823

D-134



W 8.5 X H 8.5 Inch

7039 SF ■ Mid Night Terrazo





WOOD
GRAIN

B L I S S & G L E A M

2037

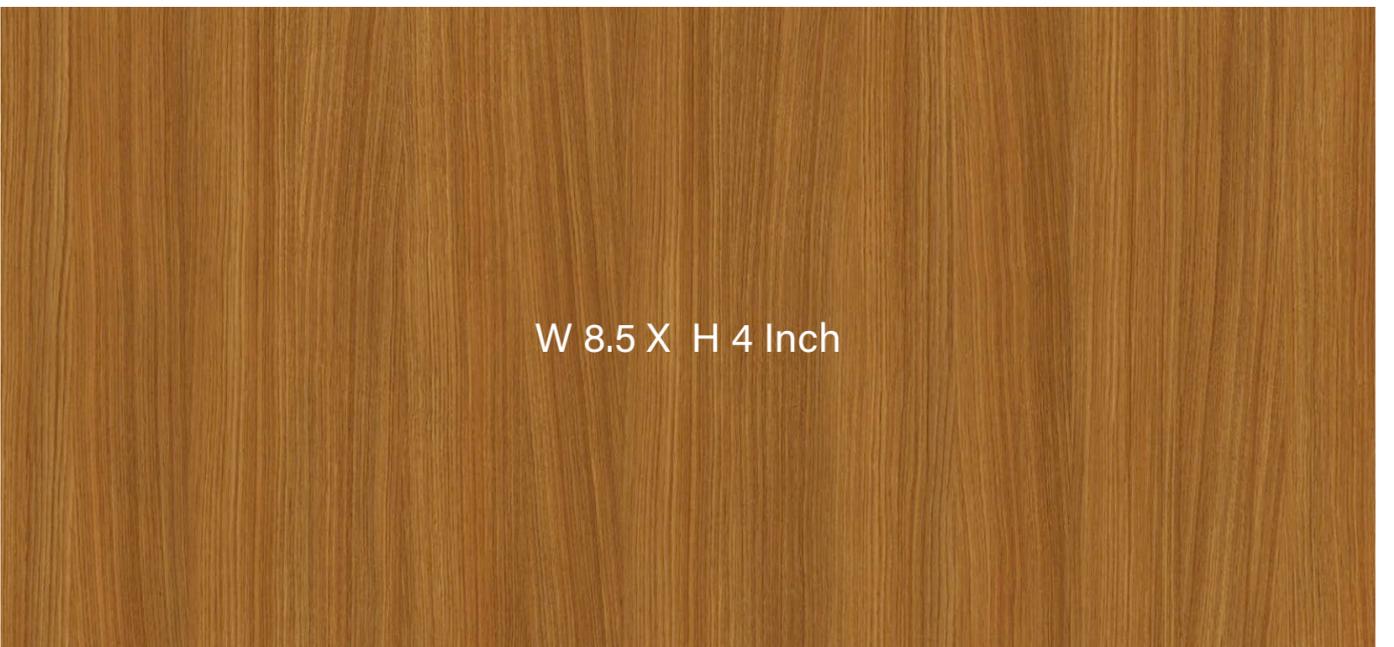


2038



W 8.5 X H 4 Inch

2037 SF - Sandrift Oak



W 8.5 X H 4 Inch

2038 SF - Amberline Teak





W 8.5 X H 8.5 Inch

332 SF ▪ Novacino Pine



332



WOOD GRAIN



W 8.5 X H 4 Inch

330 SF - Autumn Walnut



W 8.5 X H 8.5 Inch

331 SF - Choco Teak





W 8.5 X H 8.5 Inch

3741 SF • Apple Wood

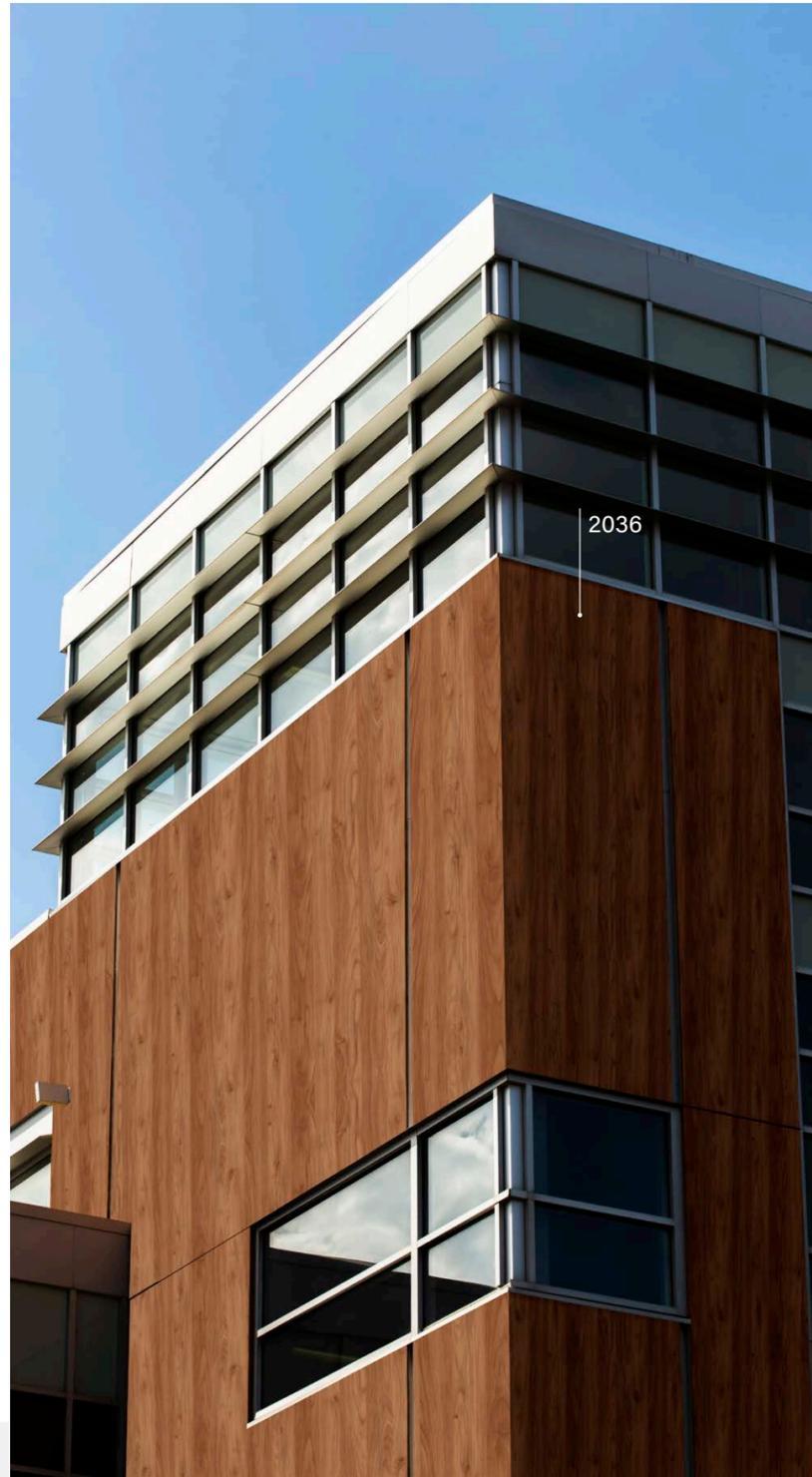


3741



W 4 X H 8.5 Inch

94668 SF • Oak Bark



2036



W 8.5 X H 8.5 Inch

2036 SF • Caramel Wood





W 4 X H 8.5 Inch

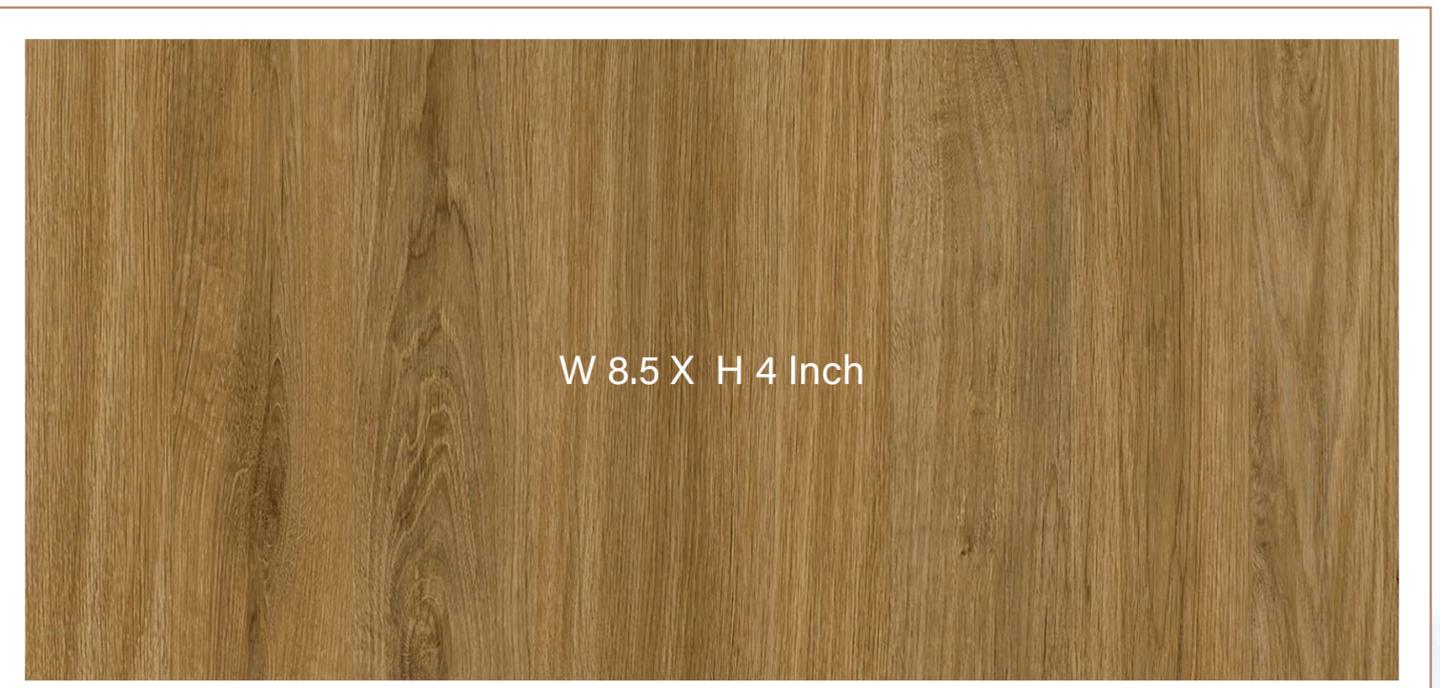
328 SF • Kashmere Oak



W 4 X H 8.5 Inch

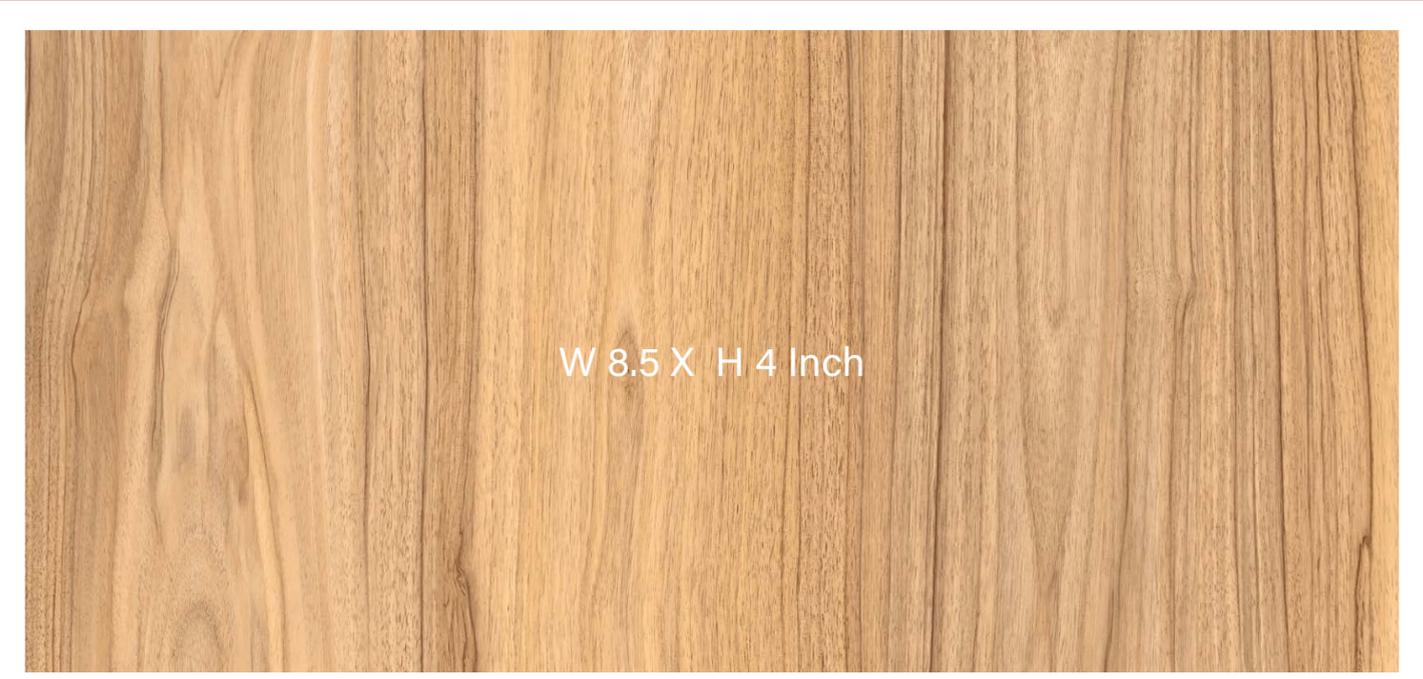
329 SF • Espresso Walnut





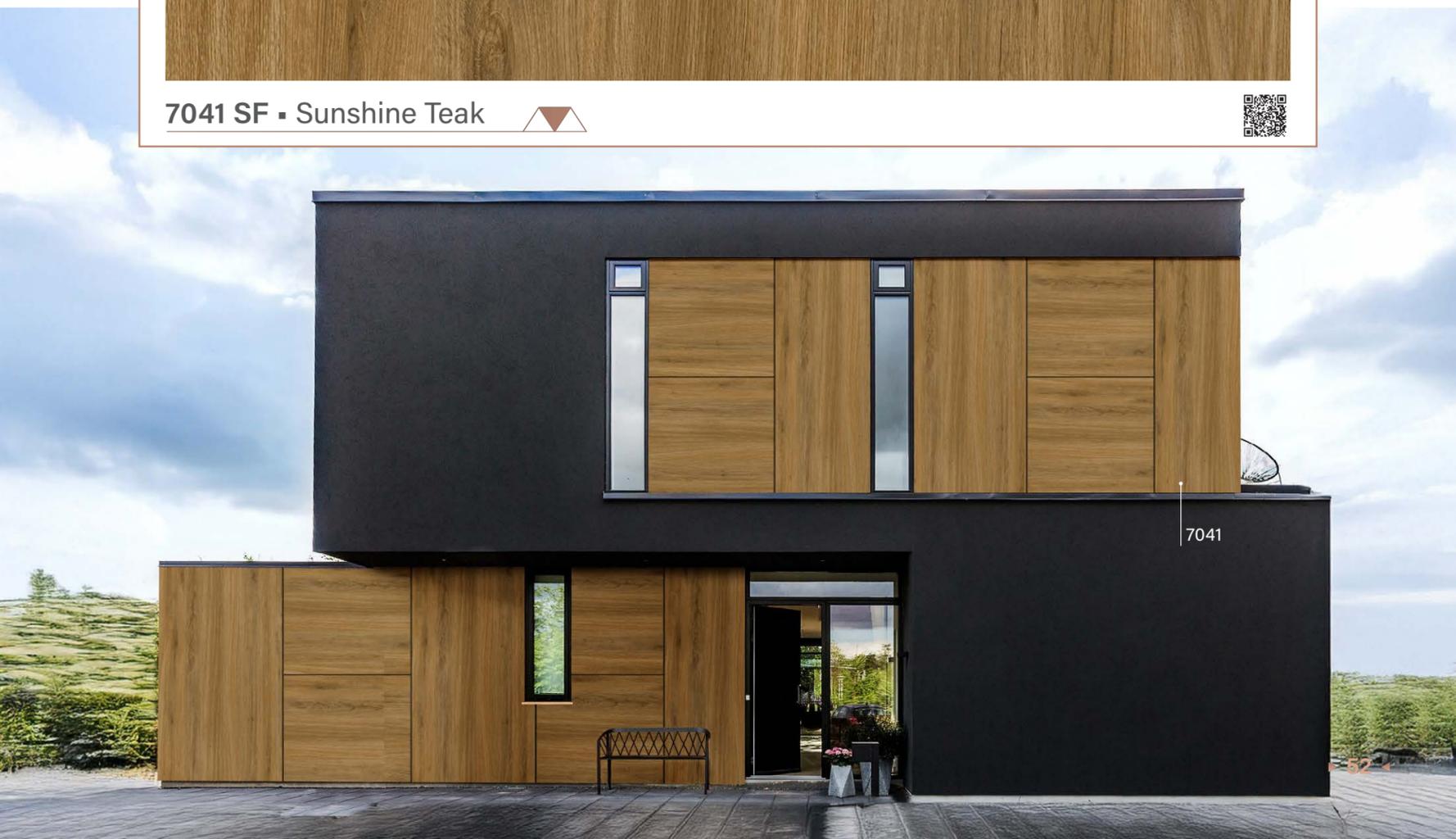
W 8.5 X H 4 Inch

7041 SF ▪ Sunshine Teak



W 8.5 X H 4 Inch

7043 SF ▪ Almond Walnut





7042

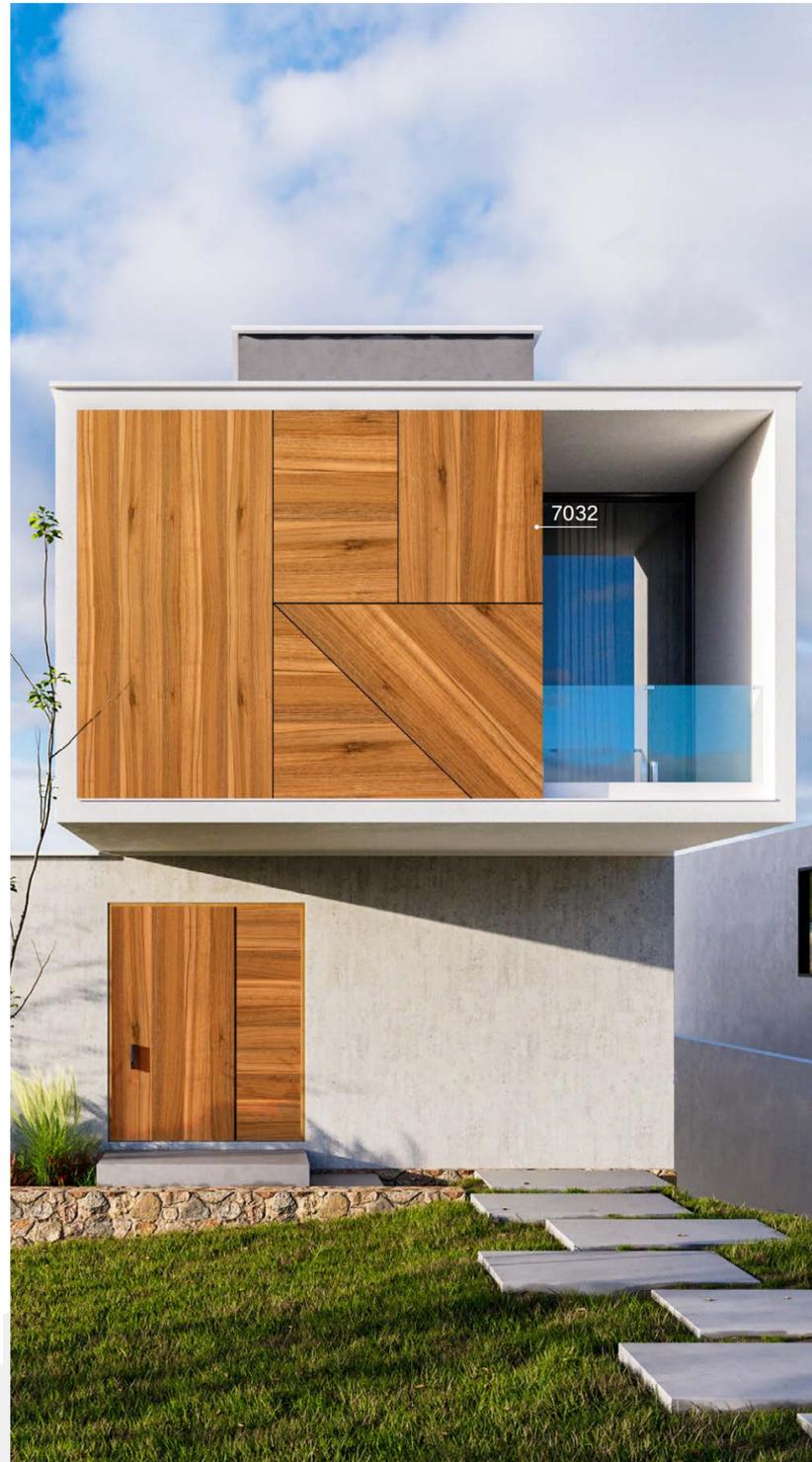
WOOD GRAIN



W 8.5 X H 8.5 Inch

7042 SF ■ Ebony Essence





W 4 X H 8.5 Inch

7032 SF • Acacia



W 8.5 X H 8.5 Inch

7044 SF • Vintage Wood





953

WOOD GRAIN



W 4 X H 8.5 Inch

953 SF • Lumbia Nussbaum



W 4 X H 8.5 Inch

416 SF • Vancouver Maple





2204



W 8.5 X H 8.5 Inch

2204 SF • Original Pine





W 4 X H 8.5 Inch

2033 SF • Noce Walnut





W 8.5 X H 4 Inch

453 SF - Wisconsin Walnut



454

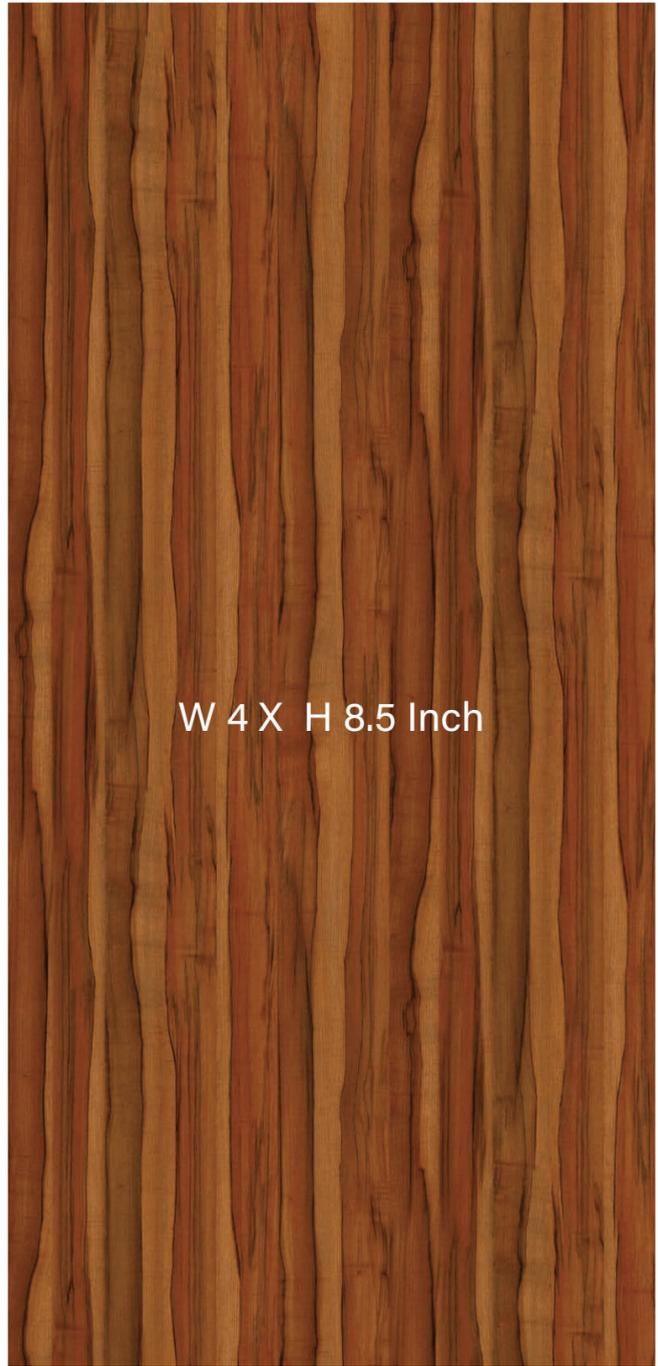


W 8.5 X H 4 Inch

454 SF - American Elm



453



W 4 X H 8.5 Inch

2221 SF • Trendy Wood

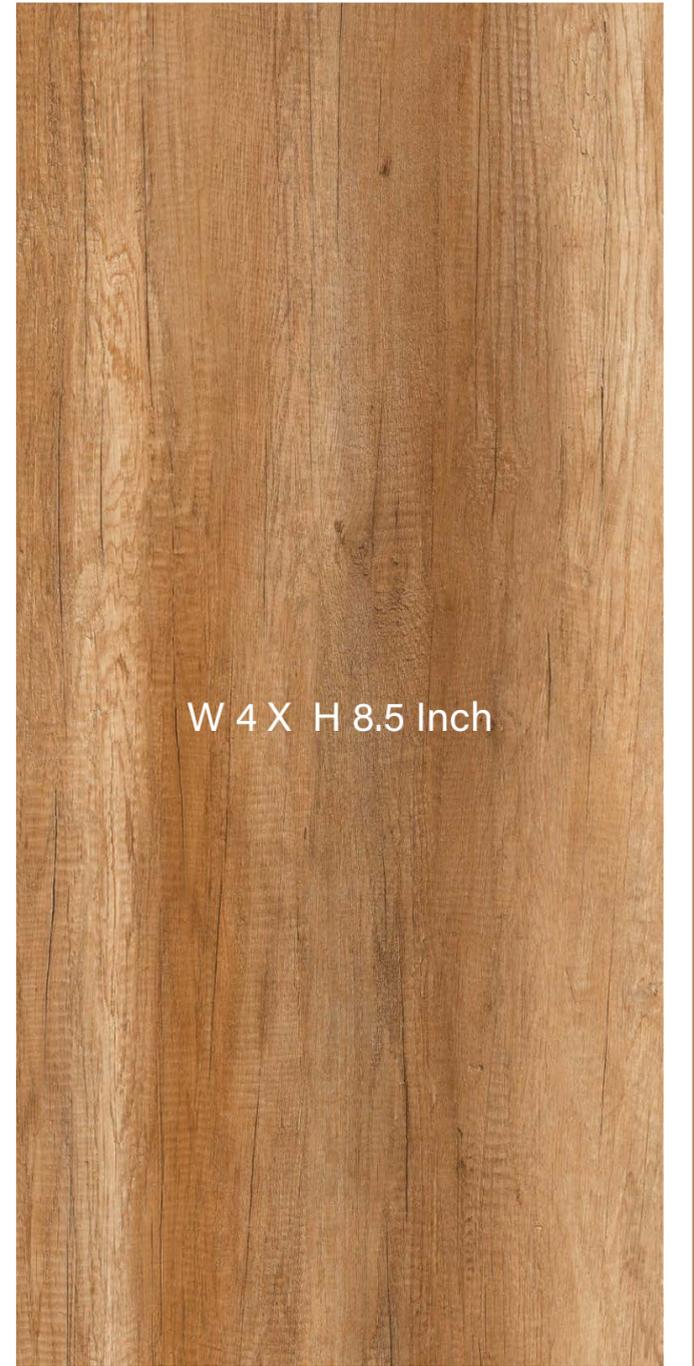


2221



W 4 X H 8.5 Inch

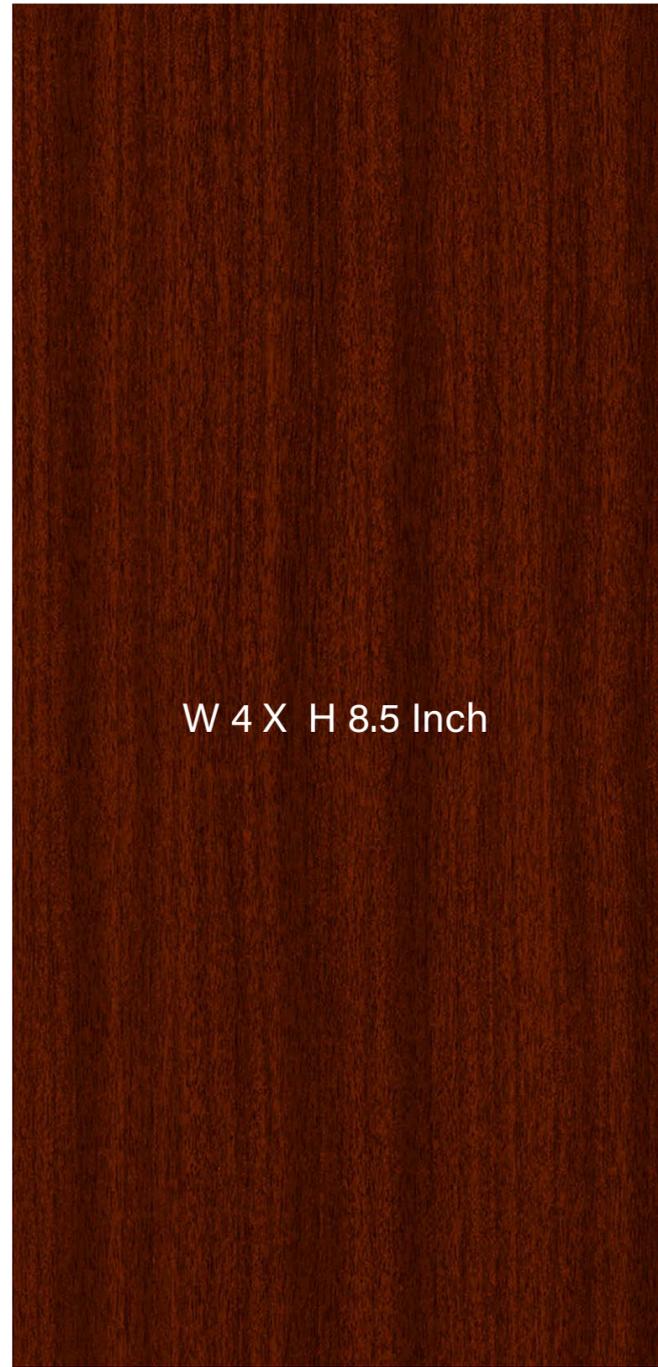
484 SF • Canyon Monument Oak



W 4 X H 8.5 Inch

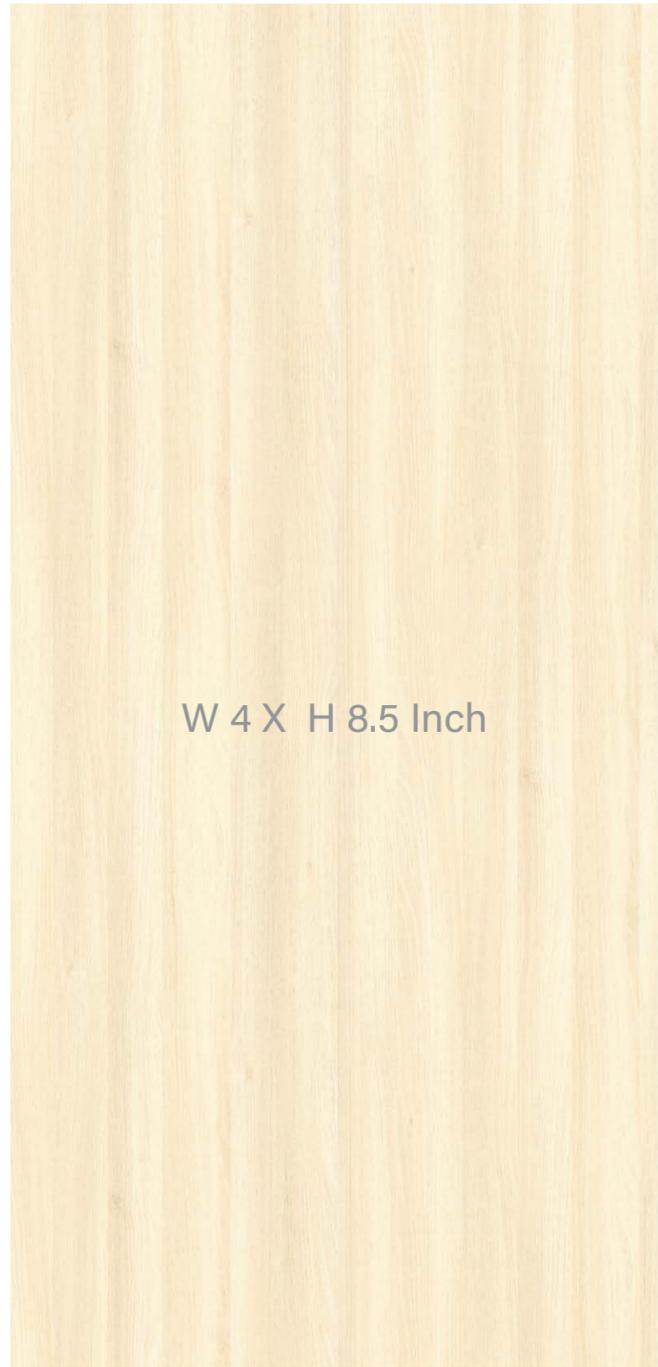
415 SF • Wine Wood Oak





W 4 X H 8.5 Inch

433 SF • Red Mahogany



W 4 X H 8.5 Inch

709 SF • White Oak



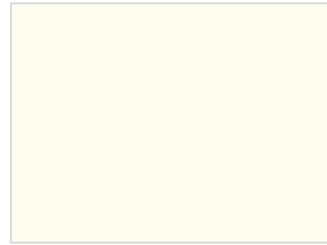
SOLIDS

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

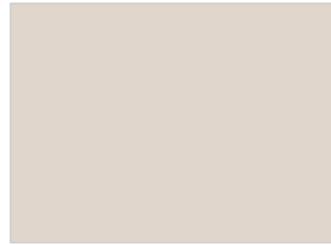




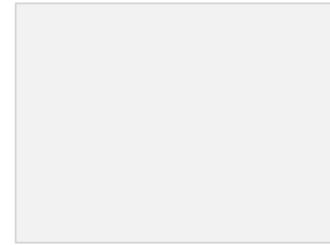
351 SF
EVEREST WHITE



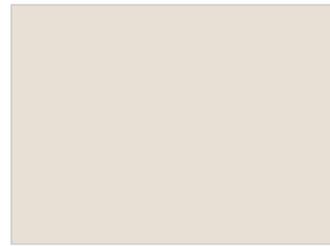
356 SF
MYSORE LVORY



358 SF
BIEGE



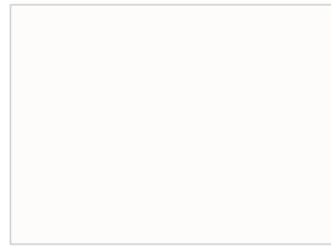
101 SF
WHITE



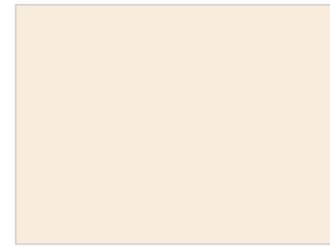
360 SF
PEANUT



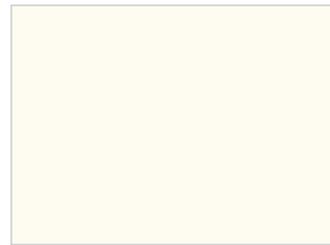
361 SF
DAWN GREY



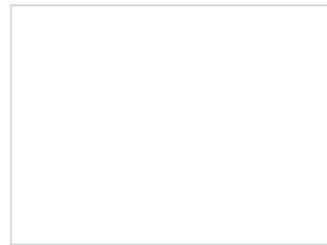
1118 SF
ARTIC WHITE



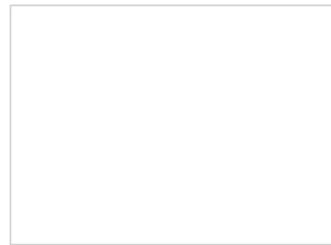
106 SF
IVORY



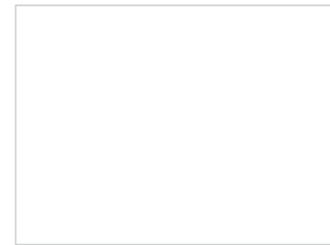
102 SF
FROSTY WHITE



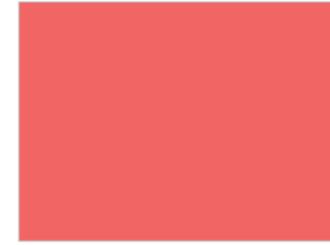
3222 SF
Z BLACK



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



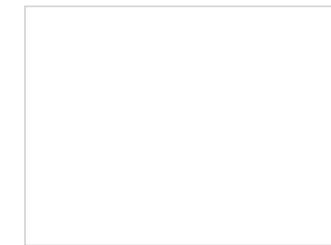
383 SF
MUD ASH



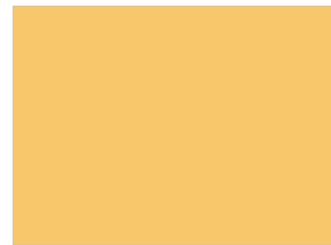
384 SF
CELASTIAL BLUE



385 SF
KIWI GREEN

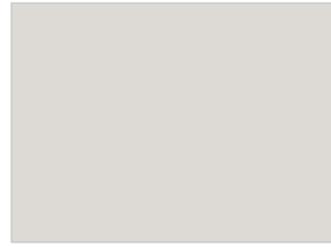


1121 SF
DAEK GREEN

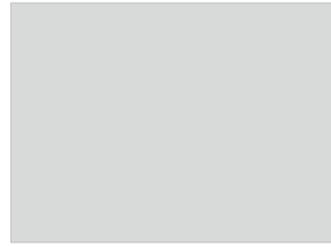


147 SF
CITRUS YELLOW

SOLID COLOURS



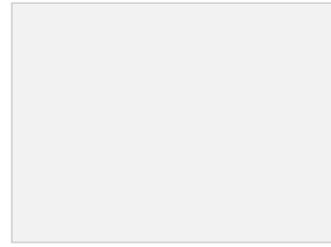
362 SF
PEWTER GREY



363 SF
PLATINUM GREY



364 SF
BEACH GREY



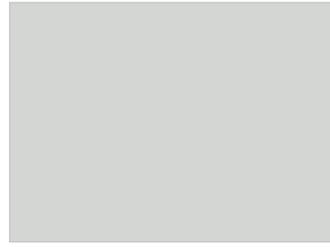
365 SF
PRINCESS GREY



367 SF
CALIFORNIA GREY



368 SF
STORM GREY



376 SF
SILVER GREY



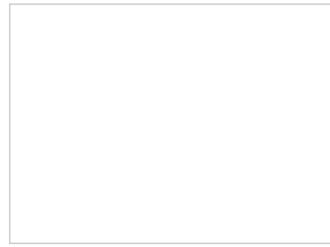
380 SF
SKY BLUE



387 SF
IRON GREY



117 SF
SLATE



7011 SF
ANTHRACITE

INDEX

D.No.	Design Name	Finish	P.No.
324	MIDNIGHT STONE	SF	18
2029	SMOKY WUARTZ	SF	19
420	KALAHARI GREEN	SF	20
2039	BROWN TRAVERTINE	SF	21
2040	WHITE TRAVERTINE	SF	22
2031	VOLCANO	SF	23
2034	ORIGINAL PINE	SF	24
2032	VOLCANIC STONE	SF	25
2028	FIRE FIESTA	SF	26
414	SATVARIO MARBLE	SF	27
7030	ASHEN GRANITE	SF	29
7030	ASHEN GRANITE	GS	30
7037	CHARCOAL MOSAIC	SF	31
7031	SILVER COAST	GS	32
7031	SILVER COAST	SF	32
823	CASPIO DARK	SF	33
822	CASPIO LIGHT	SF	34
7039	MID NIGHT TERRAZO	SF	36
2037	SANDRIFT OAK	SF	39
2038	AMBERLINE TEAK	SF	40
332	NOVACINO PINE	SF	41
330	AUTUMN WALNUT	SF	43
331	CHOCO TEAK	SF	44
3741	APPLE WOOD	SF	45
94668	OAK BARK	SF	47
2036	CARAMEL WOOD	SF	48
328	KASHMERE OAK	SF	49
329	EXPRESSO WALNUT	SF	50
7043	ALMOND WALNUT	SF	51
7041	SUNSHINE TEAK	SF	52
7042	EBONY ESSENCE	SF	54
7032	ACACIA	SF	55
7044	VINTAGE WOOD	SF	56
953	LUMBIA NUSSBAUM	SF	58
416	VANCOUVER MAPLE	SF	58
2204	ORIGINAL PINE	SF	60
2033	NOCE WALNUT	SF	62
453	WISCONSIN WALNUT	SF	63
454	AMERICAN ELM	SF	64
2221	TRENDY WOOD	SF	65
484	CANYON MONUMENT OAK	SF	66
415	WINE WOOD OAK	SF	66

D.No.	Design Name	Finish	P.No.
433	RED MAHAGONY	SF	67
709	WHITE OAK	SF	67
351	EVEREST WHITE	SF	69
356	MYSORE LVORY	SF	
358	BIEGE	SF	
101	WHITE	SF	
360	PEANUT	SF	
361	DAWN GREY	SF	
1118	ARTIC WHITE	SF	
106	IVORY	SF	
102	FROSTY WHITE	SF	
3222	Z BLACK	SF	
9011	SKY BLUE	SF	70
9012	LIGHT GREEN	SF	
357	CARDINAL RED	SF	
366	CHOCOLATE	SF	
370	GLACIER BLUE	SF	
371	NAVY BLUE	SF	
372	LAPIS BLUE	SF	
373	PARROT GREEN	SF	
374	HICKORY	SF	
375	BEAVER	SF	
377	FLAMING ORANGE	SF	71
381	ORANGE	SF	
382	BIEGE	SF	
383	MUD ASH	SF	
384	CELASTIAL BLUE	SF	
385	KIWI GREEN	SF	
1121	DAEK GREEN	SF	
147	CITRUS YELLOW	SF	
362	PEWTER GREY	SF	
363	PLATINUM GREY	SF	
364	BEACH GREY	SF	
365	PRINCESS GREY	SF	
367	CALIFORNIA GREY	SF	
368	STORM GREY	SF	
376	SILVER GREY	SF	
380	SKY BLUE	SF	
387	IRON GREY	SF	
117	SLATE	SF	
7011	ANTHRACITE	SF	