SAMRAT CLADAGE

Premium Quality Exterior HPL Cladding

- Borer Free
- Termite Free
- Waterproof
- Eco Friendly
- Fire Proof
- Resistance to Natural Elements
- No Special Tools
- Cost Effective
- Satisfaction Guaranteed

SAMRAT CLADAGE
— The age of Claddings —

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EXTERIOR HPL

Premium Quality Exterior HPL Cladding

Scan this QR code with your smartphone to explore more.

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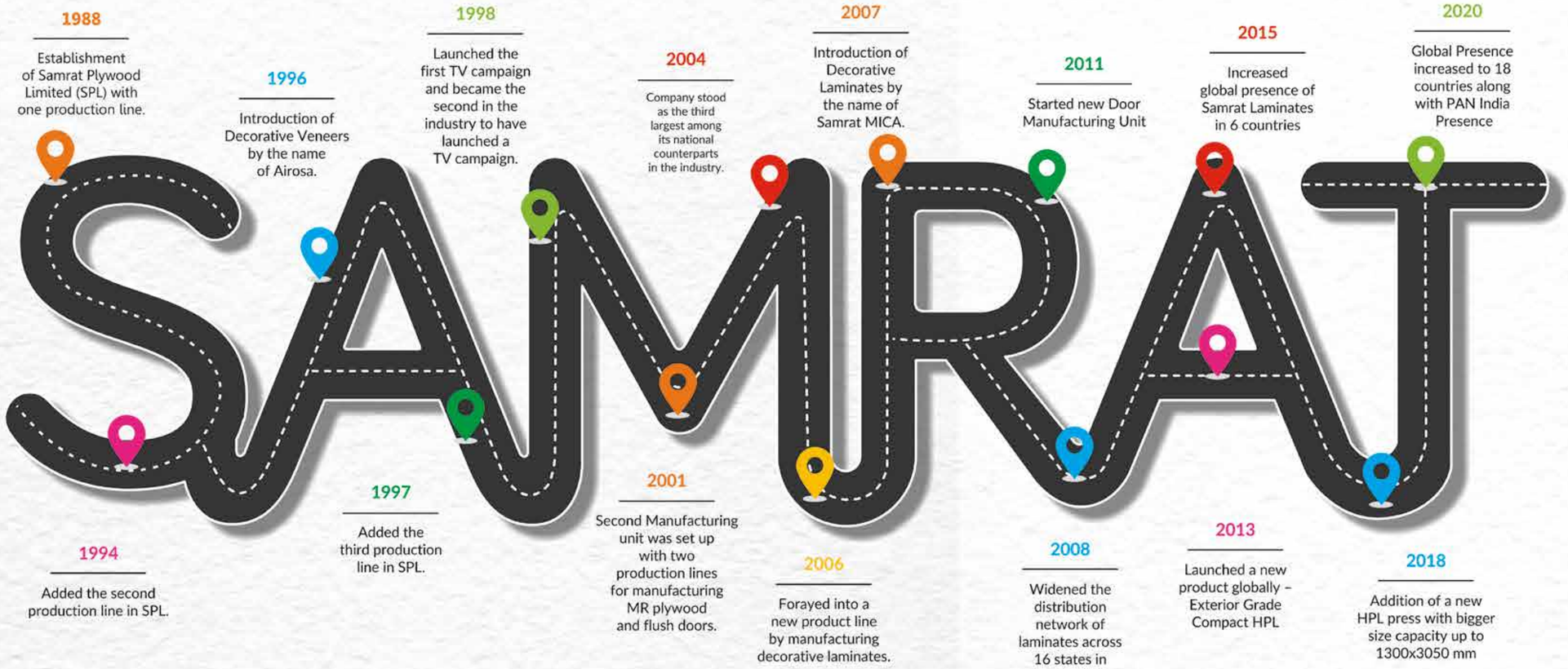
CLADAGE 10 YEARS WARRANTY

SAMRAT CLADAGE

Premium Quality Exterior HPL Cladding



SAMRAT® CLADAGE
— The age of Claddings —

Samrat, a brand made in India and World Class, is a part of a 3 decade old organization, Samrat Plywood Limited. Over 30 years, we have travelled a long way on the path of success by building upon our foundations creating value products by combining perfection with passion, technological expertise with finest materials, stringent quality controls with commitment to achieving error free services. With being the most trusted brand, we endeavor to become the largest and most preferred interior infrastructure company where customer delight is the ultimate goal and competitive excellence reigns supreme.

What makes Samrat Exterior Cladding 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 Voilet Rays and exterior atmospheric effects with minimum fading of colours.

These cladding are strong, self supporting and durable, promising incredible value and trendy designes, 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.

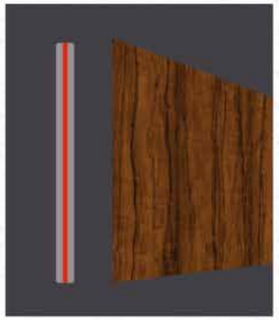
Enveloped with Samrat's perfection, your building will cast an unforgettable impression ever time.

Riveted

Adhesive

Z-Clip

Riveted Fixing



Adhesive Fixing

Z-Clip Fixing

Finished Wall

Finished Wall

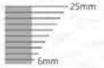
Finished Wall

Installation System

AVAILABLE FULL SIZES WALL CLADDING

- **Sizes available** -
  Standard Sizes – 1220x2440 mm, 1300x2800 mm, 900x2150 mm
- Bigger Sizes – 1220x3050 mm, 1300x3050 mm

- **Thicknesses available –**
  6mm up to 25mm



Application Space Check

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

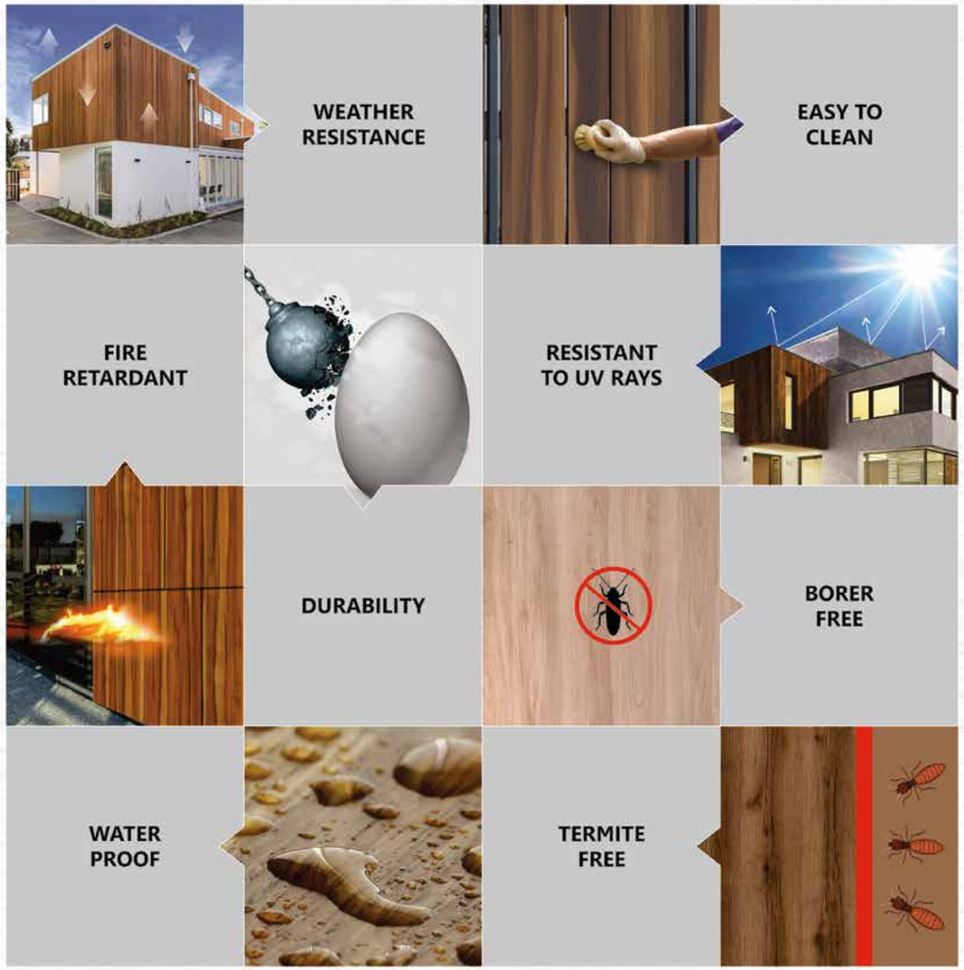
Residence
(Kothi)

Shopping Mall

Hotels

Office Buildings & Industry

Retail Shops



- **Aesthetic Appeal** – Uniform decors and colours which come in different shapes and sizes give you freedom to architectural view.
- **Resistant to UV Rays** – Samrat Exterior cladding is highly resistant to UV rays found in Sun Light and therefore, panels do not lose its original colour and hue in direct sun light.
- **Weather Resistance** – Excellent dimensional stability under different extreme weather conditions.
- **Easy to Clean** – Panels do not attract dust and therefore easily using cleanable with damp cloth.
- **Fire Retardant** – HPL are difficult to ignite and have properties that retard spreading of flames. In a fire situation they do not soften or release burning droplets.

  Through the right selection of quality and thickness (standard or fire retardant grade) HPL can meet the highest fire performance achievable with organic materials.
- **Cost Effective** – No maintenance cost, replacement of individual panel is possible.

  Acts as a barrier of wind, rain and sunlight.
- **Mechanical and Physical Properties**
  Resistance to scratching
  Resistance to abrasion
  Impact strength
  Resistance to cigarette burns
  Resistance to heat
  Light fastness
  Antistatic up to electrical dissipation.
- **Chemical Properties**
  Resistance to staining
  Resistance to chemical attack
  Resistance to organic solvents
  Resistance to steam
  Resistance to boiling water.
- **Physiological Characteristics of HPL Surfaces** – HPL are hygienic, harmless, non toxic and can be safely used in contact with food.
- **Diffusion Barrier** – When bonded to a substrate HPL acts as a barrier preventing the emission of potential volatile substances.
- **Durability** – Compared to other decorative materials like paints, thermoplastic foils, veneers etc, HPL offers a significantly longer life time. For indoor applications, a minimum life time of 20 years can be expected without loss of appearance and performance.

Casting charm & art

Our beautifully designed exterior laminates

Over 6 lakh panels / 20 million sqmtrs.
installed worldwide up till 2020

Global Presence
of Samrat Exterior Cladding in **18 countries**

PAN India presence in **21 states** with more than **200 channel partners**

More than 40000 site installation
done up till 2020

FR (Fire Retardent) grade panels available with high class category available for special FR grade projects,

SAMRAT®
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SHOWCASING PANACHE

Simplicity is the ultimate form of elegance

822 SF • CASPIO LIGHT

"Click on the design for the full sheet view"

823 SF • CASPIO DARK

"Click on the design for the full sheet view"

DISTINCTIVE TIMBER

Seamless timber opens up a world of possibilities.
Appealing to the eye, it is full of depth and character

2221 SF • TRENDY WOOD

"Click on the design for the full sheet view"

SCULPTING ART

Creative unique design that gives sense of individualism to your facades

817 SF • DELANO OAK LIGHT

"Click on the design for the full sheet view"

818 SF • DELANO OAK DARK

"Click on the design for the full sheet view"

CURATED COLLECTION

Natural appearance caught in a constant flow. It reveals something previously unseen everytime you look

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HALYCON

2222 SF • TRAVENTINO MARBLE

"Click on the design for the full sheet view"

"Click on the design for the full sheet view"

991 SF • OAK LINES

"Click on the design for the full sheet view"

993 SF • CLASSIC WALNUT

MODERN METROPLIS

Impressive larger than life, the scenery of a megacity transferred into gripping looks

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2204 SF • ORIGINAL PINE

"Click on the design for the full sheet view"

FENG SHUI

Crafting a welcoming, functional space with good energy

990 SF • CLASSIC BURNT WOOD

"Click on the design for the full sheet view"

992 SF • KNOTTY WALNUT PLANK

"Click on the design for the full sheet view"

714 SF • DARK FLOWERY TEAK

"Click on the design for the full sheet view"

713 SF • BURNT FLOWERYTEAK

"Click on the design for the full sheet view"

CLASSIC BALANCE

Detail of the wood, diversity in its nature.
Embodying the value and complexity of the space

7722 SF • HASTING SANDAL

"Click on the design for the full sheet view"

OUTRIGHT ELEGANCE

Space is always incomplete without grip of wood

"Click on the design for the full sheet view"

712 SF • WALNUT PLANK

"Click on the design for the full sheet view"

780 SF • SMOKED PLANK

"Click on the design for the full sheet view"

453 SF • WISCONSIN WALNUT

454 SF • AMERICAN ELM

"Click on the design for the full sheet view"

"Click on the design for the full sheet view"

484 SF • CANYON MONUMENT OAK

494 SF • GREY MONUMENT OAK

"Click on the design for the full sheet view"

"Click on the design for the full sheet view"

847 SF • CHOCO WOOD

"Click on the design for the full sheet view"

861 SF • HIGHWAY GLOSS

DAZZLING TIMBER

Pinch of timber is enough to embrace the modern

583 SF • PRINCESS WALNUT

"Click on the design for the full sheet view"

"Click on the design for the full sheet view"

763 SF • DARK CHARM

783 SF • BLUE WOOD

"Click on the design for the full sheet view"

INTRAMURAL SPACES

Charming at first sight. Strong to hold on for longest time

"Click on the design for the full sheet view"

497 SF • ITALIAN GRANITE

"Click on the design for the full sheet view"

498 SF • LIGHT GRANITE

"Click on the design for the full sheet view"

2212 SF • AMERICAN GRANITE

662 SF • BLACK STONE

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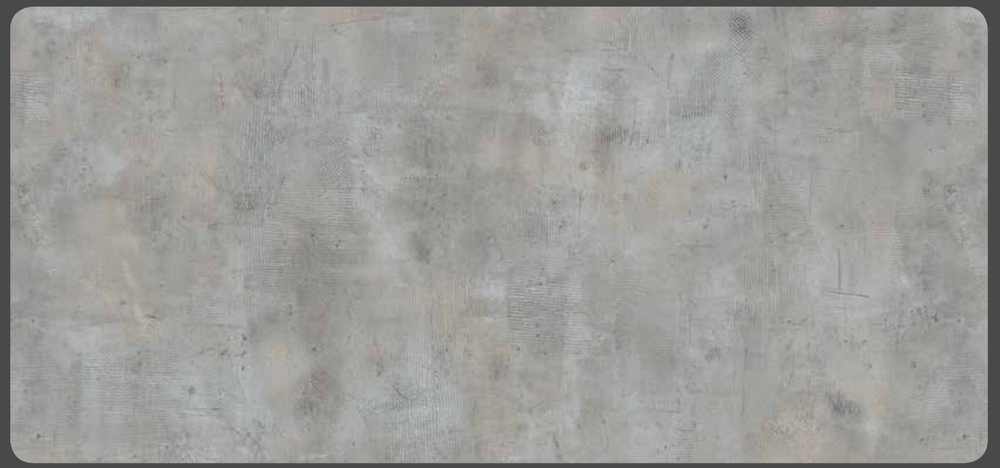
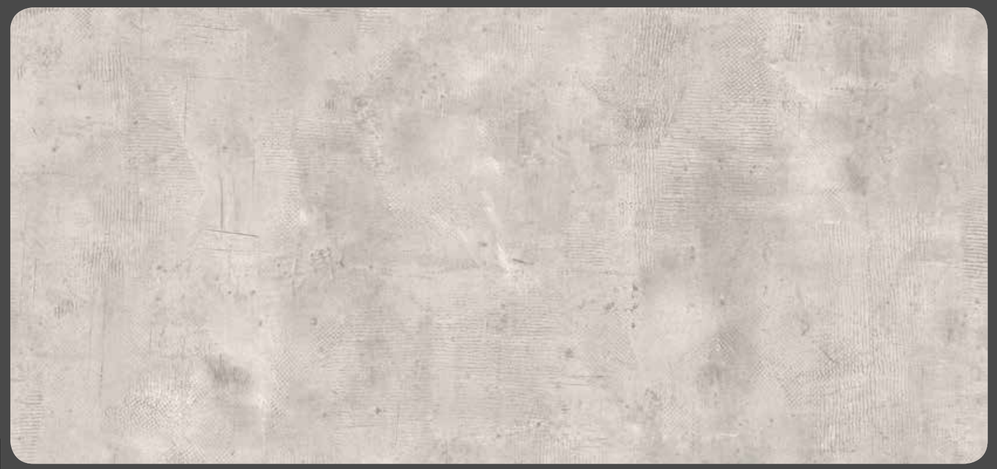
"Click on the design for the full sheet view"



807 SF • GREY CONCRETE

"Click on the design for the full sheet view"



806 SF • WHITE CONCRETE

SOLIDS COLOURS

ACTUAL THICKNESS 6 MM SAMPLE

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101 SF
WHITE

102 SF
FROSTY WHITE

147 SF
BRIGHT YELLOW

145 SF
ORANGE

129 SF
RED

211 SF
DEEP RED

123 SF
BABY PINK

151 SF
GREEN

201 SF
PARROT GREEN

202 SF
OLIVE

205 SF
GREY BLUE

136 SF
DARK BLUE

206 SF
DARK BLUE

207 SF
SEA BLUE

204 SF

208 SF
TAUPE

212 SF
MOCHCCINO

184 SF
COFFEE

200 SF
BLACK

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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	<1, 5
1.4	Squareness	EN 438-2.8	Squareness	mm/m	<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	> 1,35
2.5	Resistance to impact with large diameter ball	EN 438-2.21	Indent. dia 10mm 2<T< 6mm Drop Height Indent. dia 10mm T> 6mm - Drop Height	min. min.	> 1400 > 1800
2.6	Resistance to Wet Conditions	EN 438-2.15	Mass increase -2 < T< 5mm Mass increase -2 > T< 5mm Appearance	max. % max. % Rating	EGS/EDS- <7, EGS/EDS- <10 EGS/EDS- <5, EGS/EDS- <8 > 4
2.7	Dimensional stability at elevated temperatures	EN 438-2.17	Cumulative dimensional change - 2 < T< 5mm Cumulative dimensional change- 2 > T< 5mm	Longitudinal % Transversal % Longitudinal % Transversal %	<0,40 <0,80 <0,30 <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