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SURFACE SPECTRUM

Exquisite Shades of ALUCORE® and ALUCODUAL® by 3A Composites



ALUCORE® AND ALUCODUAL®

INNOVATIONS IN ARCHITECTURE

ALUCORE® and ALUCODUAL® are cutting-edge cladding materials in architecture, meticulously engineered to meet the most stringent global standards for performance, quality and fire safety. ALUCORE® combines two aluminium cover sheets with a honeycomb core or corrugated core of aluminium, delivering exceptional strength-to-weight ratio. ALUCODUAL®, on the other hand, is a pre-coated engineered solid sheet comprising 2/3 layers of laminated aluminium skins, ensuring flatness that is challenging to achieve with standard post-coated solid sheets.



INNOVATIONS IN ARCHITECTURE



EXPLORING THE PALETTE OF POSSIBILITIES

Both ALUCORE® and ALUCODUAL® provide an extensive palette of colours and surface finishes, allowing for endless creative possibilities. From muted tones inspired by nature to vibrant and dazzling hues, these materials offer diverse shades to suit any design vision. The available finishes include Organics Elegance, Anodized Look, Grove, Concrete, Colourscapes and World of Colours each bringing a unique visual appeal to your projects.

Additionally, we offer comprehensive colour customization options, ensuring that your design concepts can perfectly align with specific project requirements. This flexibility allows architects and designers to create truly bespoke environments, enhancing the uniqueness and appeal of each structure. Whether you aim for harmony with the natural surroundings or seek to make a bold statement, ALUCORE® and ALUCODUAL® provide the tools to realize your architectural vision with precision and style.

THE PALETTE OF POSSIBILITIES



ORGANICS ELEGANCE

MUTED TONES, TIMELESS GRACE

Inspired by the inherent beauty of nature, Organics Elegance features sophisticated, muted tones with a high gloss (70%~80%). While these shades evoke warmth and authenticity, capturing the charm of nature’s palette, the high gloss imparts a touch of opulence to these earthy hues.



Mauve

| 78208



Thunder Grey

| 77257



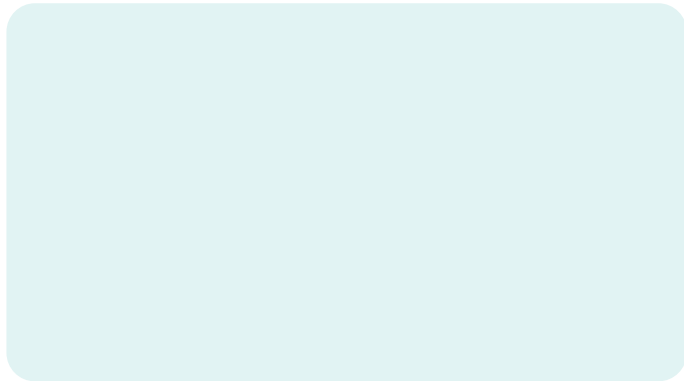
Weed

| 76206



Chalk

| 71226



Haze

| 71227



Desert

| 71225



Honey

| 79218



Olive

| 76205

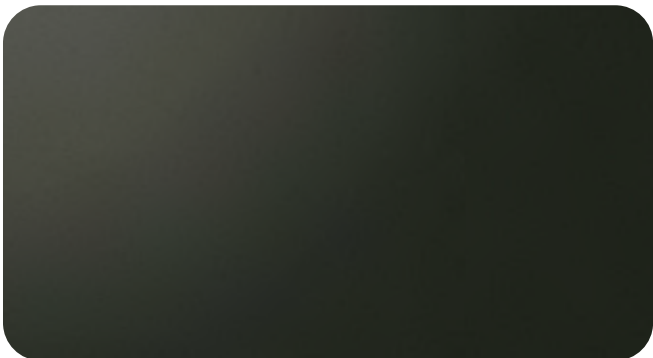
ANODIZED LOOK

THE NATURAL BEAUTY OF SATIN-SMOOTH METAL

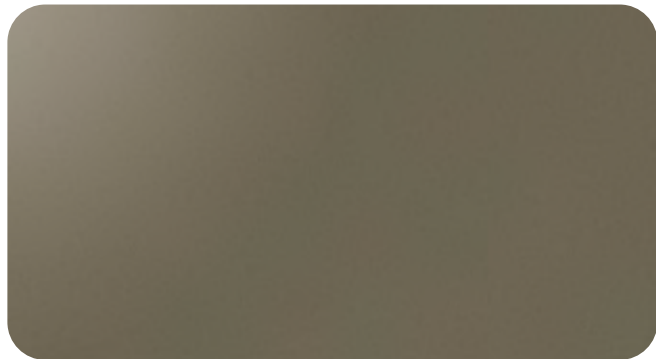
The Anodized Look provides a sleek, satin-smooth aluminium finish that is admired globally. Since it is coated with top-grade Fluorocarbon Lacquer system, it ensures long term performance and makes it a preferred alternative over real anodizing.



Satin Brown | 538



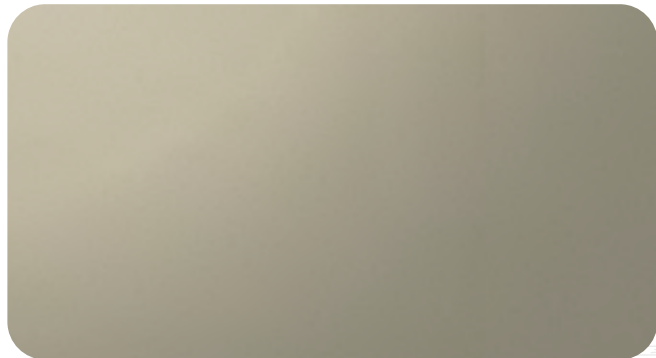
C34 | 534



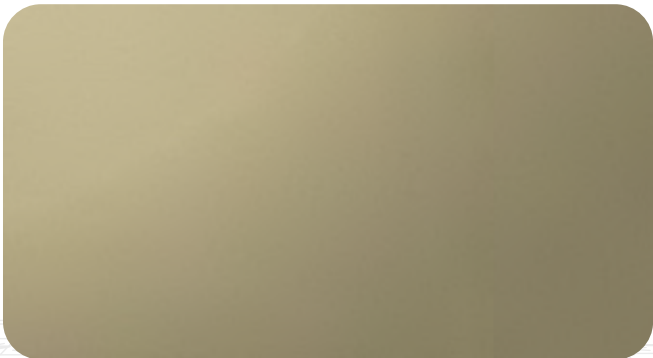
C32 | 532



C0/EV1 | 530



C31 | 531

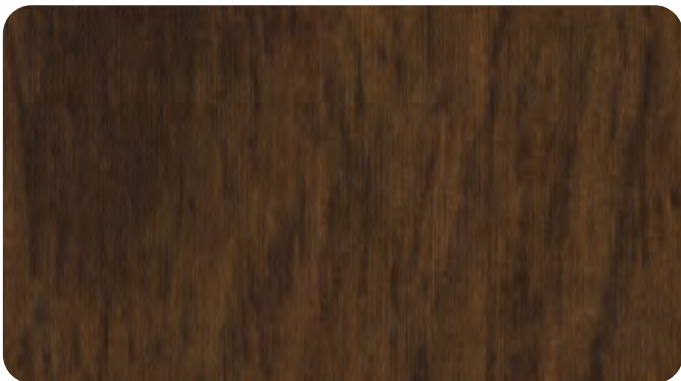


C2 Light Gold | 539

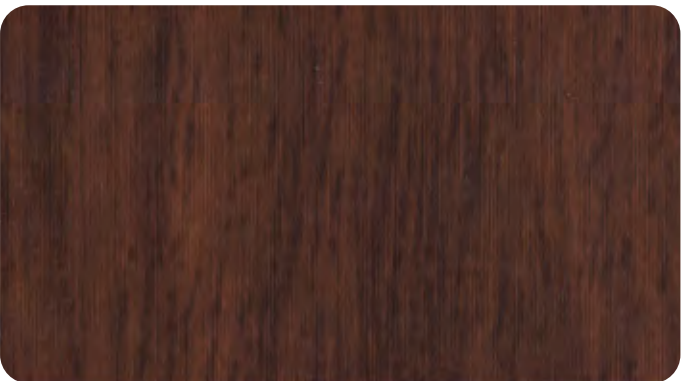
GROVE

BRING ALIVE YOUR DESIGNS WITH WOOD

Grove delivers the authentic look of natural wood. Unlike real wood, Grove is resistant to fungus, moss and rot, ensuring durability without compromising on elegance.



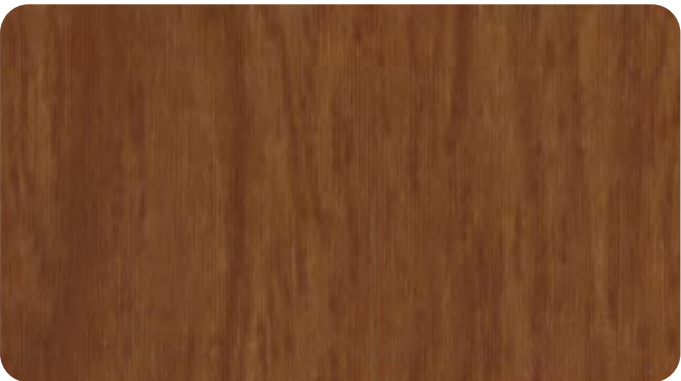
Himalayan Walnut | G-113



Red Oak | G-114



Dindori Sakhua | G-115



Gir Teak | G-116



Kashmiri Maple | G-117

CONCRETE

TIMELESS FACE OF CONTEMPORARY BEAUTY

Concrete combines the rugged, modern appeal of real concrete with high versatility, enabling the creation of detailed 3D shapes and geometric patterns that are difficult to achieve with traditional concrete.



Ash Grey | 711



Pebble Grey | 713



Mocha Brown | 714



Caramel Brown | 716



Cinnamon Brown | 717

COLOURSCAPES

THE FASCINATING WORLD OF HUES

Colourscapes presents a breathtaking array of vibrant hues and dazzling shades. This unmatched collection inspires creativity and transforms projects into architectural masterpieces. From subtle to bold, Colourscapes offers endless possibilities for aesthetic innovation.

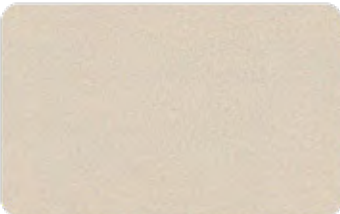
METALLIC COLOURS



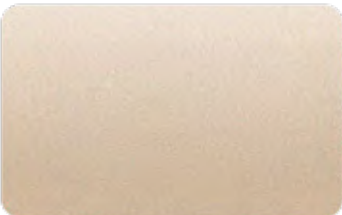
Classic Copper Metallic | 72103



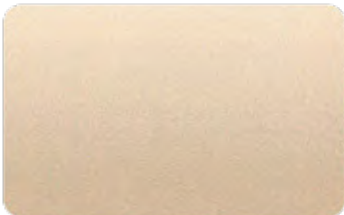
Bright Copper Metallic | 72104



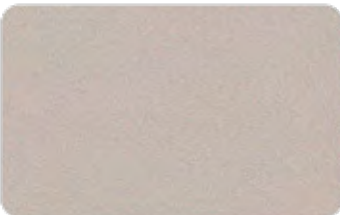
Classic Champagne Metallic | 77141



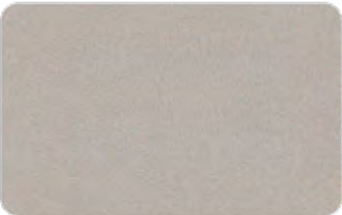
Pearl Bronze Metallic | 79111



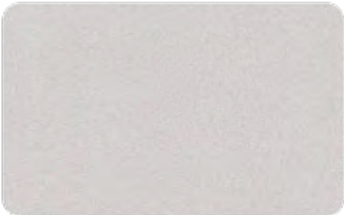
Bright Gold Metallic | 74112



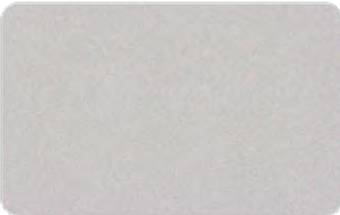
Sand Stone | 71121



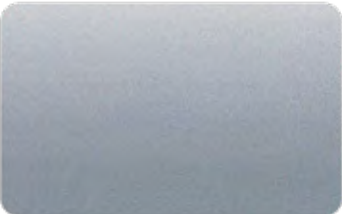
Mild Champagne Silver Metallic | 77146



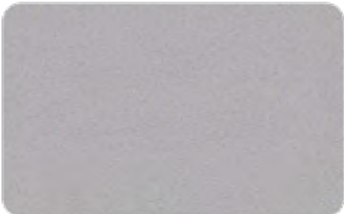
Bright Grey Metallic | 77144



Mild Grey Metallic | 77145



Steel Grey Metallic | 77148

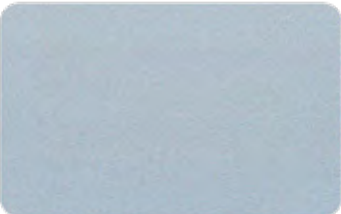


Classic Grey Metallic | 77334



Manganese Grey Metallic | 77138

SOLID COLOURS



Basalt Grey | 77139



Olive Grey | 77135



Quartz Grey | 77143



Stone Beige | 71122



Stone Grey | 77136

VIBRANT COLOURS



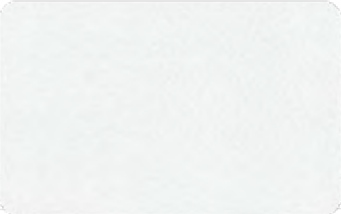
Grey | 7023



Green | 7481



Yellow | 109C



Snow White Glossy | 71221

SPECIAL CATEGORY



Elegant Grey Metallic | 77129

WORLD OF COLOURS

OUTSTANDING QUALITY COLOURS AND SURFACES

World of Colours offers a versatile range of standardized shades, essential for any design palette. These tried and tested hues are celebrated by leading designers worldwide, adorning skylines and enhancing projects with timeless beauty and vibrant appeal.

METALLIC COLOURS



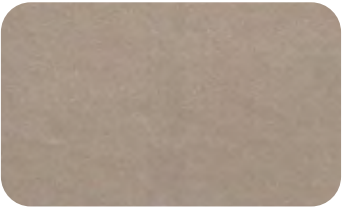
Smoke Silver Metallic | 501



Silver Metallic | 500



Champagne Metallic | 503



Bronze Metallic | 504



Grey Blue Metallic | 603



Sunrise Silver Metallic | 600



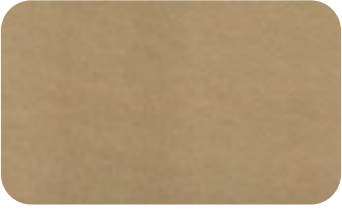
Brilliant Metallic | 602



Classic Bronze Metallic | 9604

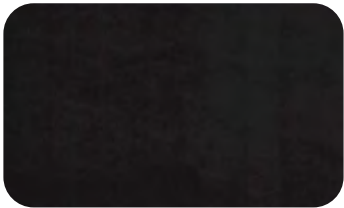


Grey Metallic | 502

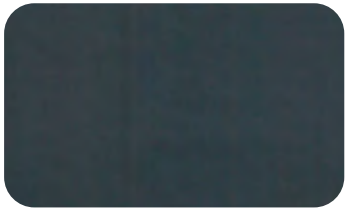


Gold Metallic 601

SOLID COLOURS



Black | 326



Anthrazit Grey | 105



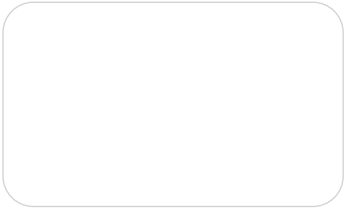
Fashion Grey | 460



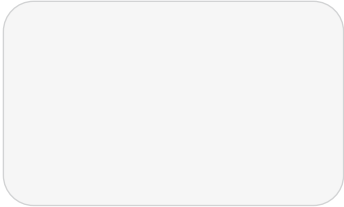
Light Grey | 104



Beige | 103



Pure White 10 | 100



White 16 | 101

VIBRANT COLOURS



Red | 8201



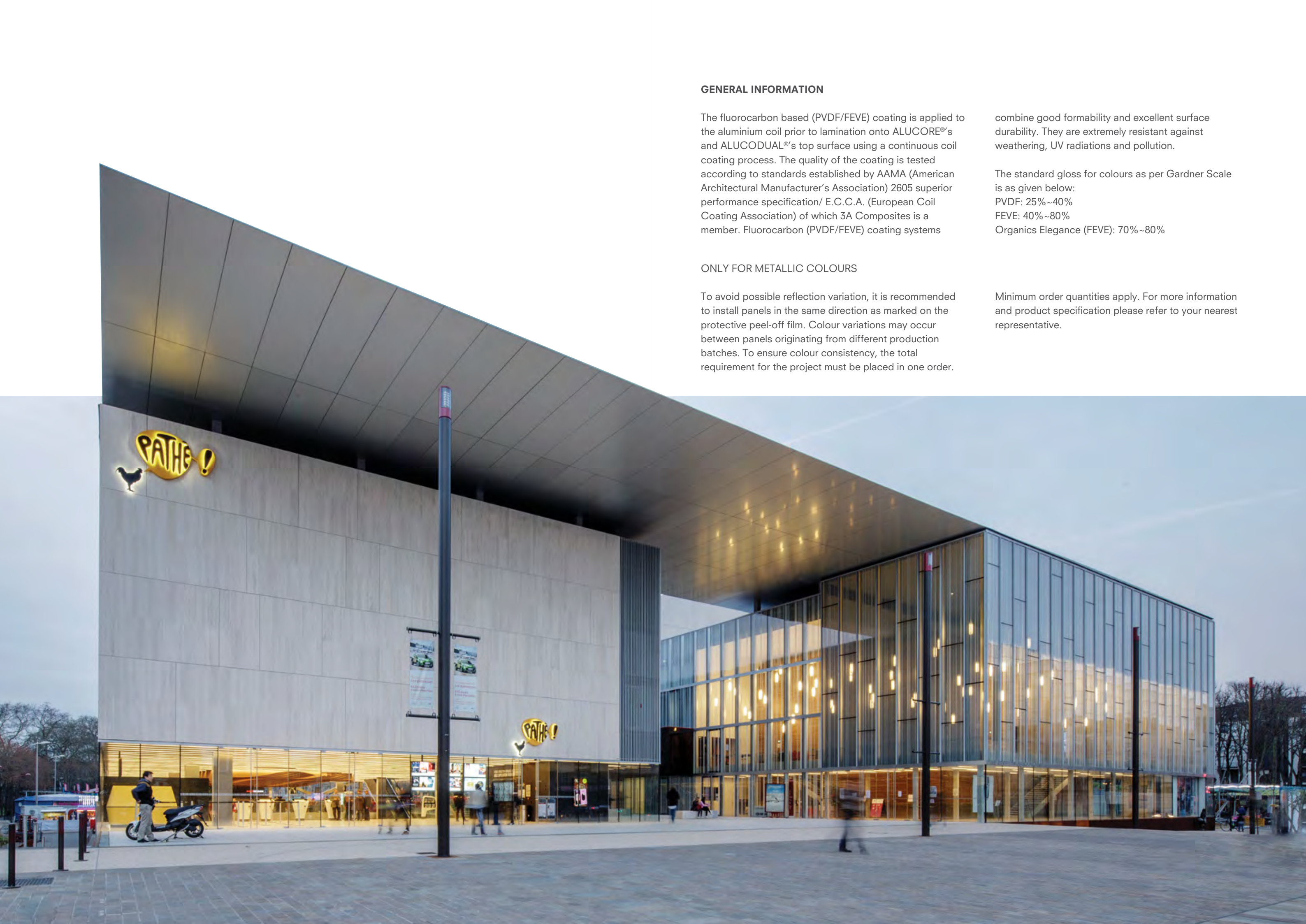
Intense Blue | 3191

SPECIAL CATEGORY



Dark Grey Metallic | 505





GENERAL INFORMATION

The fluorocarbon based (PVDF/FEVE) coating is applied to the aluminium coil prior to lamination onto ALUCORE®'s and ALUCODUAL®'s top surface using a continuous coil coating process. The quality of the coating is tested according to standards established by AAMA (American Architectural Manufacturer's Association) 2605 superior performance specification/ E.C.C.A. (European Coil Coating Association) of which 3A Composites is a member. Fluorocarbon (PVDF/FEVE) coating systems

combine good formability and excellent surface durability. They are extremely resistant against weathering, UV radiations and pollution.

The standard gloss for colours as per Gardner Scale is as given below:
PVDF: 25%~40%
FEVE: 40%~80%
Organics Elegance (FEVE): 70%~80%

ONLY FOR METALLIC COLOURS

To avoid possible reflection variation, it is recommended to install panels in the same direction as marked on the protective peel-off film. Colour variations may occur between panels originating from different production batches. To ensure colour consistency, the total requirement for the project must be placed in one order.

Minimum order quantities apply. For more information and product specification please refer to your nearest representative.