

PANEL COMPOSIT
ALLPROBOND



Fire Resistant Aluminum Composite Panel

The **ALLPROBOND** composite panel consists of a fire-resistant core and two sheets of 5005/3005 aluminium alloy, coated with the highest quality paint for superior resistance to ageing.

Its versatility allows for various machining techniques, such as milling, bending or punching, which expand creative and design option, making it a safe, durable and flexible solution for facades, cladding and interiors.

El panel de comosite **ALLPROBOND** consta de un núcleo ignífugo y dos láminas de aleación de aluminio 5005/3005, recubiertas con pintura de la más alta calidad para una resistencia superior al envejecimiento.

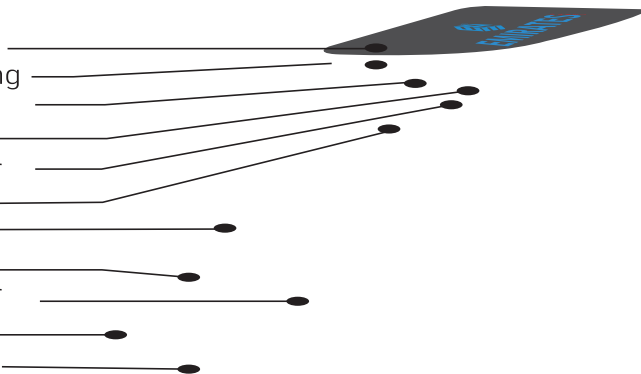
Su versatilidad permite diversas técnicas de mecanizado, como fresado, plegado o punzonado, que amplían las opciones creativas y de diseño, convirtiéndolo en una solución segura, duradera y flexible para fachadas, revestimientos e interiores.

Le panneau composite **ALLPROBOND** est constitué d'une âme résistante au feu et de deux feuilles d'alliage d'aluminium 5005/3005, revêtues d'une peinture de très haute qualité pour une résistance supérieure au vieillissement.

Sa polyvalence permet diverses techniques d'usinage, telles que le fraisage, le pliage ou le poinçonage, élargissant ainsi les possibilités créatives et de conception. Il constitue une solution sûre, durable et flexible pour les façades, les bardages et les aménagements intérieurs.

STRUCTURAL COMPOSITION

Easy to peel Protective film
PVDF or Polyester Paint Coating
Non-corrosive Primer Coating
Aluminium Skin
Anti-corrosive Treatment Layer
Adhesive Film
Core
Adhesive Film
Anti-corrosive Treatment Layer
Aluminium Skin
Anti-corrosive Service Coat



BENEFITS & FEATURES

Greater Impact Resistance



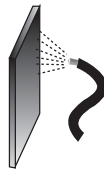
The core comprises a viscoelastic high molecular resin material preventing cracking or breaking, yet comes with exceptional high stiffness and impact resistance properties.

Weather Durability



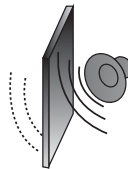
Panels are coated with Fluorocarbon (PVDF) resin that is able to withstand extreme weather conditions and minimizes the possibility of acid alkali and salt-spray corrosion. Unaffected by radical changes in temperature and long term exposure of ultraviolet rays, providing up to 25 years without signs of colour fading.

Easy to maintain and clean



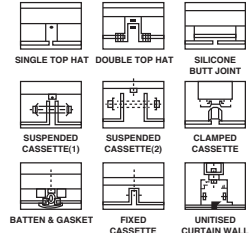
Having resilient coating properties, the panels perform well in extreme atmospheric conditions – polluted or not. It is however imperative panels are maintained in strict accordance with EPM's O&M cleaning guidelines and only neutral cleansers are applied to the surface.

Insulating and Sound Proofing



ACP maximizes the effect of insulation and sound proofing as the composition of the panel does not allow heat or sound to penetrate through the material due to its core, unlike steel, solid aluminium, tiles and other similar materials.

Economical and Ease of Installation



EPM panels is an alternative cladding system offering respectable acoustic and U-value features at reduced costs compared to other facade solutions. Replacement costs are also more competitive considering the systems design.

MECHANICAL & MANUAL PROCESSING



Slotting



Bending



Punching



Folding



Gluing



Riveting & Bolting



Sawing & Cutting



Drilling

Special Finish



Natural Mirror
APB - 401



Textured White
APB - 401



Stellar Blue
APB - 401



Golden Pearl
APB - 401



Golden Sand
APB - 401



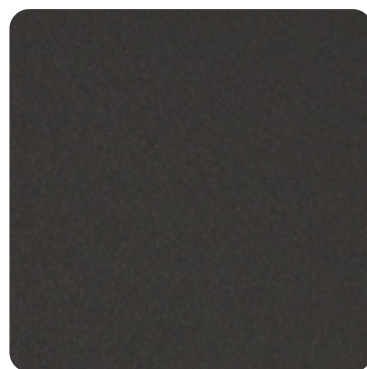
Sunset
APB - 401



Rugged Black
APB - 401



High Gloss Black
APB - 401



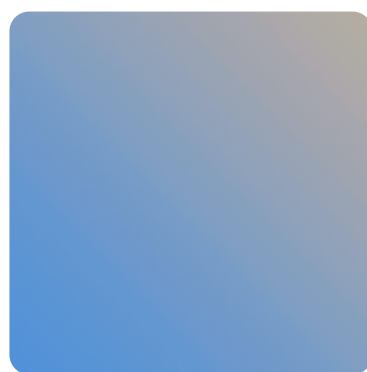
Grain Anthracite
APB - 401



Natural Mirror
APB - 401



Textured White
APB - 401



Stellar Blue
APB - 401

Wood Finishes



Straw Chestnut Sense
APB - 401



Bark Chestnut Sense
APB - 401



Linen Chestnut Sense
APB - 401



Natural Oak Sense
APB - 401



Natural Chestnut Sense
APB - 401



Mountain Oak Sense
APB - 401



Autumn Chestnut
APB - 401



Mocha Oak Sense
APB - 401



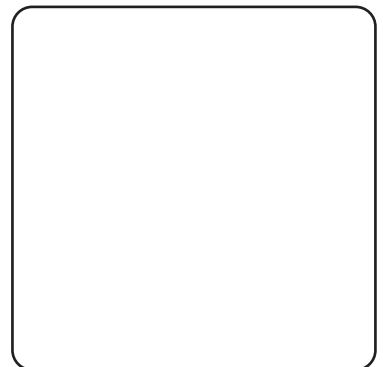
Wood Strip Sense
APB - 401



Wood Town
APB - 401



White Wood
APB - 401



Stellar Blue
APB - 401



Straw Chestnut Sense
APB - 401



Bark Chestnut Sense
APB - 401



Linen Chestnut Sense
APB - 401



Natural Oak Sense
APB - 401



Natural Chestnut Sense
APB - 401



Mountain Oak Sense
APB - 401



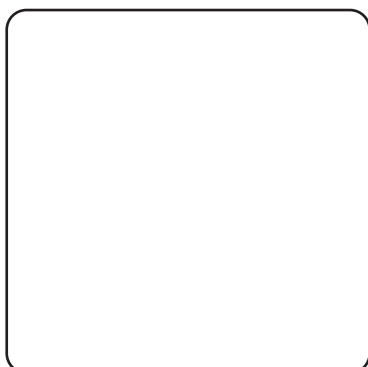
Autumn Chestnut
APB - 401



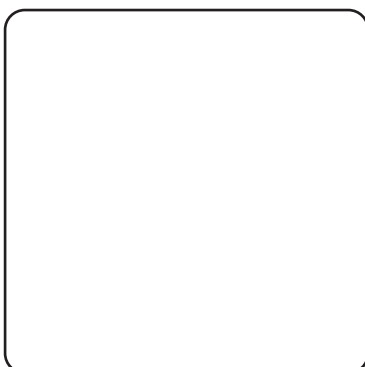
Mocha Oak Sense
APB - 401



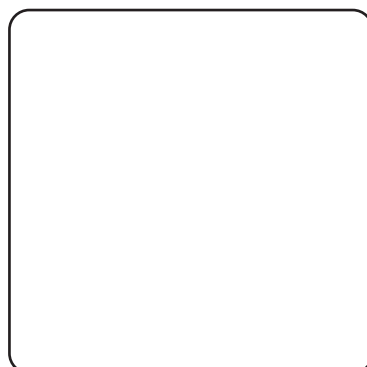
Wood Strip Sense
APB - 401



Wood Town
APB - 401



White Wood
APB - 401



Stellar Blue
APB - 401



Fresh Concrete Sense
APB - H45



Dry Concrete
APB - H01



Slate Concrete
APB - H02



Tromso Winter
APB - P12



Valente Grey
APB - V01



Symphony Urban
APB - P01



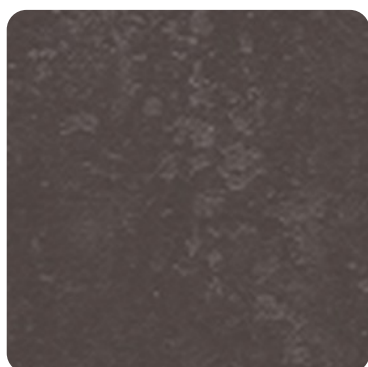
Valente Blue
APB - V03



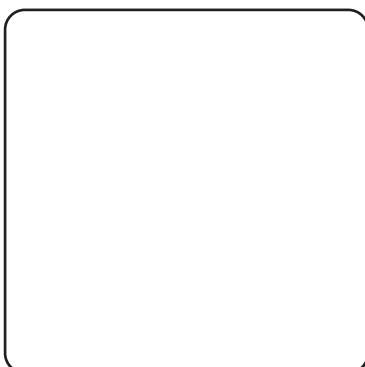
Namibia Ambar
APB - P04



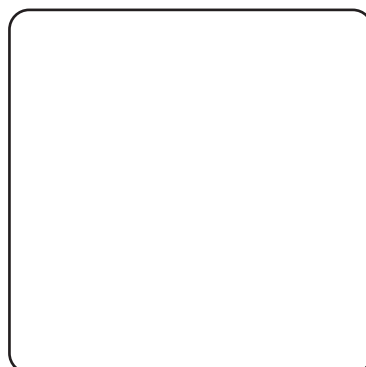
Valente Red
APB - V02



Basalt Concrete
APB - H03



White Wood
APB - 401



Stellar Blue
APB - 401



Natural Brush
APB - 449



Apollo Thin Brushed Metallic
APB - B07



Gold Brushed
APB - 582



Zinc Brushed
APB - B06



Olive Brushed
APB - 584



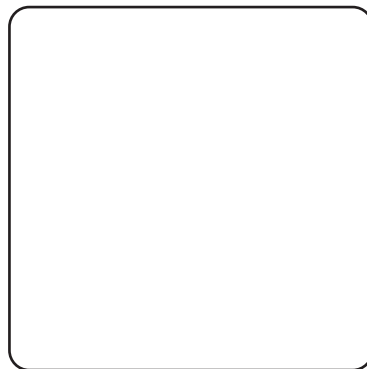
Discovery Thin Brushed Metallic
APB - B08



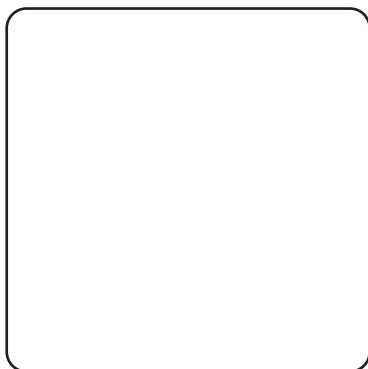
Antique Copper Brushed
APB - 583



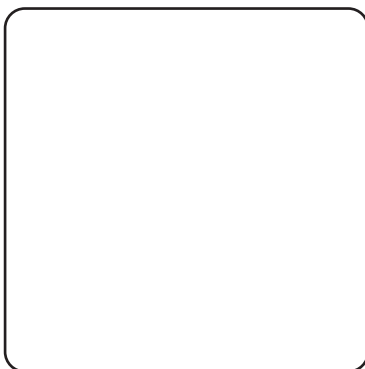
West Corten Sense
APB - CT3



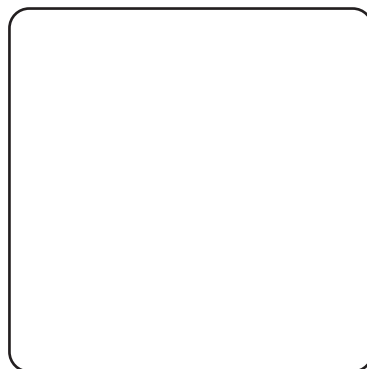
Valente Red
APB - V02



Basalt Concrete
APB - H03



White Wood
APB - 401



Stellar Blue
APB - 401

PANEL COMPOSIT **ALLPROBOND**

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ASTM E84, ASTM D1929, EN13501-1, NFPA 285, ISO 9001, ISO 14001, ISO 45001