

Aluminium panels and sheets for displays, signage, booths, and interior design:  
Create lasting impact for  
Sign & Display!



**ARCONIC**  
Innovation, engineered.





Totem von Peugeot | France



PSA Prasa-Station | South Africa



Wittenauer | Germany

## Signage.

### Applications:

- Totems, pylons
- Product displays
- Display pillars
- Billboards
- Traffic signs

### Characteristics:

- UV and weather resistance
- Corrosion resistance
- Specific bending possibilities
- Unlimited options for fabrication and machining
- Easy to install

### Options:

- High definition digital printing
- Perforation for interior applications
- Widths up to 2,000mm and lengths up to 6,000mm

### Colour examples:



Red 320



Silver 906 Metallic



## Exterior design & lettering.

### Applications:

- Company signboards
- Branding
- Shop letters, shop fronts
- Sign construction

### Characteristics:

- UV and weather resistance
- Corrosion resistance
- Flatness
- Stability and durability
- Easy to install

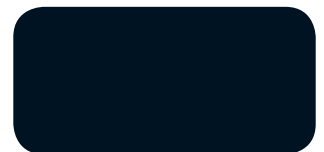
### Options:

- High definition digital printing
- Widths up to 2,000mm and lengths up to 6,000mm

### Colour examples:



Yellow 123



Black 905



Toyota car dealership totem | Great Britain | Space Projects





# Interior design & signage.

## Applications:

- Free-standing totems
- Billboards
- Display pillars
- Product displays

## Characteristics:

- Flatness
- Low weight
- Unlimited options for fabrication and machining
- Easy to install
- Specific bending possibilities

## Options:

- High definition digital printing
- Perforation in interior applications
- Widths up to 2,000mm and lengths up to 6,000mm
- Different gloss levels: from high gloss to satin

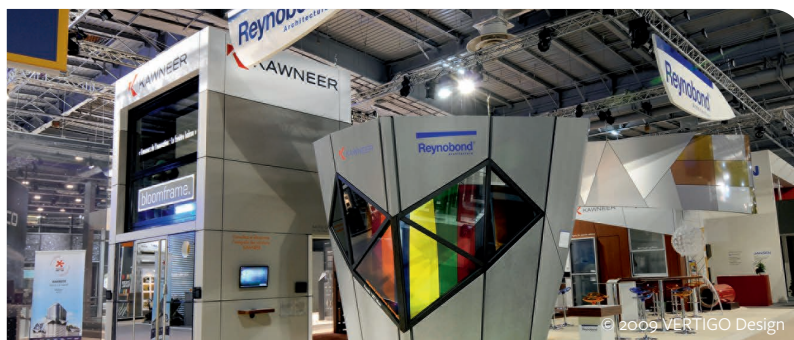
## Colour examples:



Walnut Brown D 8125 MR



Mirror



# Exhibition booth construction.

## Applications:

- Modular design
- Free-standing totems, pylons
- Displays, display fittings, shelves and other stand elements
- POS, merchandising displays

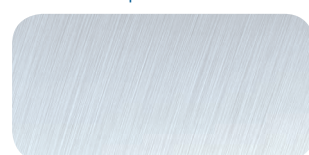
## Characteristics:

- Low weight
- Stability
- Flexible options for re-use
- Unlimited options for fabrication and machining
- Bending & creative shaping
- Easy to install

## Options:

- High definition digital printing
- Perforation for interior applications
- Widths up to 2,000mm and lengths up to 6,000mm

## Colour examples:



Natural Aluminium Brushed



Spring Lake J 6104 B



# Discover new creative possibilities.

Reynolux® Sign & Display pre-painted aluminium is manufactured through coil-coating. Reynobond® Sign & Display composite panel consists of two coil-coated aluminium sheets that are laminated to both sides of a PE (polyethylene) core.

## Advantages:

- ✓ Solutions for rigid and lightweight panels
- ✓ Easy to transform and bend: freedom in design for unusual shapes
- ✓ Easy to work with and install
- ✓ Up to 2m in width and 6m in length
- ✓ Highly UV and weather resistant
- ✓ Flatness and colour uniformity
- ✓ Combination of Reynobond® panels and Reynolux® sheets through identical colour shade
- ✓ Fire reaction classification: class M1 for Reynobond® panels in PE (NF P 92-501)  
Class A1 for Reynolux® aluminium (EN 13501) according to paint thickness
- ✓ Please note that PE core is for non-architectural applications only.
- ✓ Warranty up to 5 years



Pre-painted aluminium sheet

Core (PE)

Pre-painted aluminium sheet



Pre-painted aluminium sheet

## Comprehensive service:

- Thanks to the coil-coating and assembly lines located in Alsace, we guarantee high quality, short delivery times, even for small quantities, and advice, before and during projects.
- You can get Reynobond® and Reynolux® Sign & Display panels and sheets tailored to your needs – in XXL widths up to 2,000 mm and lengths up to 6,000 mm.
- Choose from a large range of colours from solid over metallic colours to brushed or mirror surfaces.

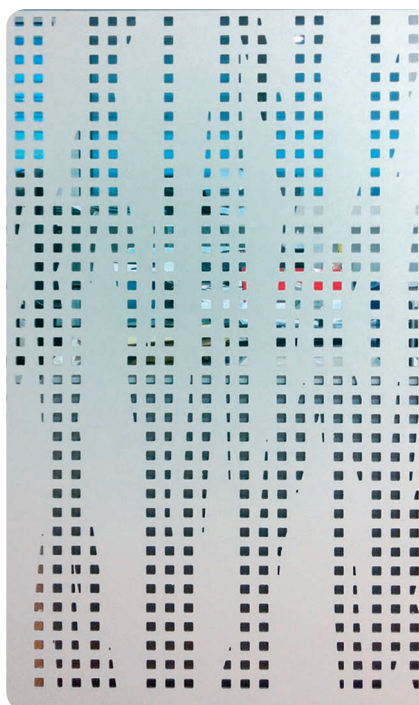
## Ideal for high-quality digital printing!

High-quality printing becomes possible with Reynolux® pre-painted aluminium or Reynolite® DIGITAL (0,2mm) and Reynobond® DIGITAL (0,3mm) aluminium composite panels.

- Coated with a high-performance polyester paint
- Perfect ink adherence, due to the even surface and ideal finish
- Even the finest lines and structural details are reproduced with precision
- Excellent three-dimensional shaping (Reynobond® 33 DIGITAL)
- Suitable for all indoor and outdoor applications due to its high resistance to bad weather and UV radiation



## Perforation for interior use.



## • Product characteristics

● Product characteristics			Aluminium sheet Reynolux® Sign & Display					
Aluminium sheet thickness	EN 485 – 4		1mm		1,5mm		2mm	
Alloy & temper	EN 1396		3005H44		3003H44		3003H44	
Front side finish	EN 13523		Polyester (26µm) and anti-corrosion treatment					
Reverse side finish	EN 13523		Washcoat and anti-corrosion treatment					
Width	EN 485 – 4	(-o/+3mm)	1,000mm/1,250mm/1,500mm/2,000mm					
Length	EN 485 – 4	(< 4m: -o/+4mm; > 4m: -o/+6mm)	2,000mm/2,500mm/3,050mm/4,050mm					
Average weight			2.8kg/m²		4.2kg/m²		5.6kg/m²	
Tolerance in squareness	EN 485 – 4		L ≤ 600mm, ≤ 2mm 600 < L ≤ 2,000mm, ≤ 3mm 2,000 < L ≤ 4,000mm, ≤ 5mm					
Fire classification	NF P 92-501 EN 13501		Mo incombustible Europe: A1					
			Aluminium composite panel Reynobond® Sign				Aluminium composite panel Reynolite® DIGITAL	
Panel thickness			2mm	3mm	4mm	6mm	2mm	3mm
Aluminium sheet thickness	EN 485 – 4		0.3mm				0.2mm	
Alloy & temper	EN 1396		Series 3000					
Core			PE					
Front side finish	EN 13523		Modified polyester					
Reverse side finish	EN 13523		Modified polyester					
Width		(-o /+3mm)	1,000mm/1,250mm/1,500mm/2,000*mm				1,250mm/1,500mm	
Length		(< 4m: -o/+4mm; > 4m: -o/+6mm)	3,050 mm and 4,050 mm					
Weight in PE			3.05kg/m²	3.98kg/m²	4.9kg/m²	6.75kg/m²	2.7kg/m²	3.62kg/m²
Tolerance in squareness			≤ 3mm					
Tolerance in bow			≤ 1mm/500mm on the width and the length					
Stiffness (EI)	Theoretical		0.034 kN.m²/m	0.086 kN.m²/m	0.162 kN.m²/m	0.383 kN.m²/m	0.026 kN.m²/m	0.062 kN.m²/m
Thermal expansion			2.4mm/m for a temperature variation of 100°C					
Temperature resistance			-40°C/+80°C					
Fire classification	NF P 92-501		PE: M1 combustible; non-inflammable					

\*except in 6 mm thickness

For more information, please ask for the dedicated datasheet. Our paint datasheets are also available, please ask for the dedicate datasheet. The technical data refer to currently available products. Please notice that the specific characteristics of each project have to be taken into account (country, delivery time, size of transport containers etc.).

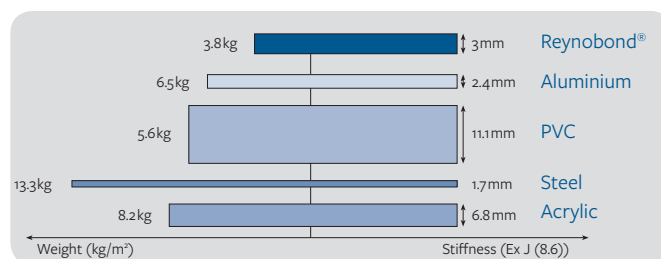
### Digital print:

Reynobond® Sign & Display aluminium composite panels and Reynolux® Sign & Display pre-painted aluminium – available up to 2,000mm in width – are coated with a high-performance polyester paint that shows an optimal ink adherence as well as a high resistance to UV radiation and bad weather. Even the finest lines and structural details are reproduced with precision due to the flatness.

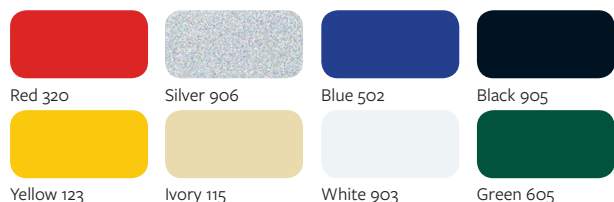
### Lettering and perforation:

For further information please consult the Arconic Architectural Products SAS (AAP) technical department (e.g. perforation, embossed, laser cutting, water jet cutting, lettering cutting).

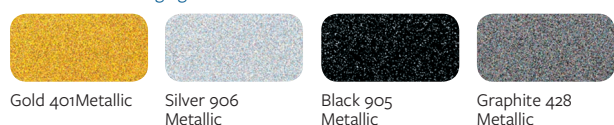
### Comparison of weight of panels with same rigidity:



### SOLID STANDARD in high gloss or satin



### METALLICS in high gloss

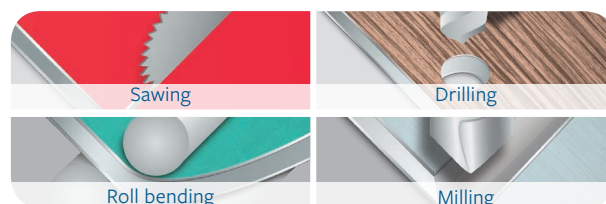


### BRUSHED & MIRROR



### Easy to transform.

Reynobond® and Reynolux® Sign & Display panels and sheets are excellent to work with. They are easily routed, drilled, punched, cut, bent, curved and formed. Thanks their coil-coated surface also especially easy to clean. Reynobond® panels are exceptionally moisture resistant.



- Unbreakable and lightweight
- Can be bent and transformed like any Reynobond® panel

## About Reynobond® Architecture, Reynolux® Building and Reynodual® Building

With Reynobond® aluminium composite panels, Reynolux® coil-coated aluminium and Reynodual® double sheet aluminium panels Arconic Architectural Products SAS (AAP) based in Merxheim, France, a subsidiary of Arconic Inc., an internationally leading company for technologies, engineering and manufacturing processes, offers a wide range of products for architecture and construction.

As you can expect from a global company, AAP is certified according to the international standards ISO 9001 and ISO 50001 as well as OHSAS 18001. Reynobond® Architecture, Reynolux® Building and Reynodual® Building panels and sheets are coated and bonded in France. AAP have ISO 14001 certification, indicating their voluntary engagement in reducing the impact of their activity on the environment at all levels: water, energy or waste.



## CAD files and BIM objects



BIM objects library: You can now import our 5 facade systems with our composite panels and pre-painted sheets, as well as our 140 textures in your projects to get the most realistic renderings.

Scan the QR-code now!

## Disclaimer

Laws and building and safety codes governing the design and use of AAP's products, and specifically aluminium composite materials, vary widely. It is the responsibility of the owner, the architect, the general contractor, the installer and the fabricator/transformer, consistent with their roles, to determine the appropriate materials for a project in strict conformity to all applicable national, regional and local building codes and regulations. PE products are not available for purchase from AAP for consideration in architectural applications.



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