

BookPro CORPORATE



Aluminium, naturally

Profilis
SYSTEMES

PROFILS SYSTÈMES®



An innovative French industry

As an aluminium manufacturer located in the South France (Baillargues - Hérault), Profils Systèmes® has been designing, developing, and manufacturing aluminium profiles and accessories for the building industry for over 30 years.

Aluminium profile designs, innovative and effective concepts, environmentally friendly, designed for the manufacture of curtain walls, sunscreens, windows, bays, doors, verandas, interior glazing, railings, pergolas, carports, gazebos, shutters, gates, fences, swimming pool enclosures, etc.

A French subsidiary of the Corialis Group, Profils Systèmes® currently employs over 400 people in France, spread over its industrial, logistics and administrative sites. Profils Systèmes® has been able to strengthen its economic dynamism, its presence on the national and international markets, while at the same time, maintaining its identity, independence, and its personality.

A pioneering DNA

« *Design is Profils Systèmes® slogan. Our aim is to always be one step ahead* ». Christophe Derré, Founder of Profils Systèmes®.

A pioneer in the field of design, Profils Systèmes® quickly distinguished itself from its competitors by breathing new life into its product ranges. In the 1990s, Profils Systèmes® was the first aluminium manufacturer to introduce the tapered design to the aluminium joinery market

In the 2000s, Profils Systèmes® was the first aluminium manufacturer to launch sandblasted and grained finishes onto the market with its Terra Cigala® range. More recently, metal patina effects, with its Eclats Métalliques® and Terre de Matières® ranges, and more recently, wood effects with its N.O.S.® range

In the 2010s, Profils Systèmes® launched the Factory Spirit® design. A design that is often copied but never equalled, giving its creations an “artist’s studio” style, and in recent years, products with a minimalist design offering a fusion between the interior and exterior.



An environmentally responsible industry

Since the company was founded in 1987, Profils Systèmes® has always been sensitive to environmental issues. As such, it is part of a sustainable development approach whose objective is to meet the needs of the present without compromising those of future generations.

This approach has always been supported by various authorities: ADEME, Agence de l'Eau Rhône Méditerranée & Corse, Région Occitanie, Chambre de Commerce et d'Industrie, etc.

More symbolically and to illustrate this commitment, Profils Systèmes® has adopted the following taglines over the years: « **For the Earth... Here to last...** », « **Aluminium, Naturally** » and more recently « **L'Alu, a lifestyle!** ».



L'alu, a lifestyle!

A QSE policy - committed to-Quality Safety Environment

The growth and sustainability of Profils Systèmes® depends on the satisfaction of its customers, the quality of its results, and the collective investment of its employees. To meet these challenges, Profils Systèmes® is committed to **management and continuous improvement systems for Quality, Health & Safety, and the Environment.**

CUSTOMER SATISFACTION : Profils Systèmes® certified ISO 9001

International quality management standard, ISO 9001 reflects the continuous improvement system implemented at Profils Systèmes®, which translates into a daily ability to improve efficiency and regularly provide a quality product or service that meets its customers, and its legal and regulatory requirements.



ENVIRONMENTAL PROTECTION: ISO 14001: certification in progress

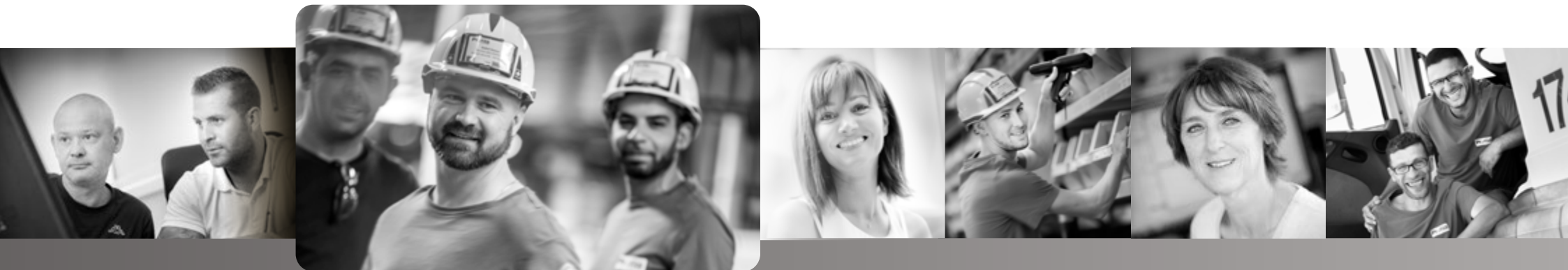
Through the ISO 14001 process, Profils Systèmes® aims to improve the prevention of environmental risks such as pollution, or waste management optimisation.

TOWARDS A CIRCULAR ECONOMY: C2C certification in progress

The latest commitment at the end of 2020 has been the international Cradle to Cradle' certification This is an industrial production concept that integrates an ecological requirement at all stages of a product's life - from design, throughout production, and up to reuse - with the principle of zero pollution and 100% reuse.

EMPLOYEE HEALTH & SAFETY : ISO 45001 : certification in progress

Profils Systèmes® is also committed to the ISO 45001 process with the aim of establishing safety leadership and improving the working environment for its employees.



An environmental approach

The environmental approach of Profilis Systèmes® is verified at each stage of its manufacturing process and through its choices:

- To produce and maintain employment in France
- Aluminium, a fully recyclable material of the future
- Use of the latest extrusion and lacquering processes that reduce CO² consumption
- Reducing water consumption in its surface preparation process before lacquering
- Powder-coating
- The treatment of its effluents from lacquering line rinsing and surface treatments in compliance with the standards imposed by DREAL
- The use of green energy and photovoltaic panels
- Rail-road transport
- The permanent reduction of its single-use packaging
- The recycling of its waste
- Pollution prevention



French manufacture

Maintaining employment in France is a priority and a source of pride for Profils Systèmes®.

Since 2013, the company has been awarded the «Made in France» or «Fabrication Française», label, issued by the French customs authorities, which guarantee the French origin of its aluminium profiles for its joinery ranges.



Member of LA FRENCH FAB, since 2017, Profils Systèmes® adheres to and supports its values such as the promotion of French excellence and the development of industry in France.



A complete integrated industrial process

With a 48 000m² industrial and logistics site, and a workforce of over 400 employees, Profils Systèmes® integrates its entire production process on this site: extrusion, thermal insulation, lacquering, finishing, bending, as well as all of its support services.

A 12 000m² logistics and administrative platform

- Profile storage
- Storage of accessories with over 4 800 items
- Logistics: products are despatched every day, on specific days, and without break loading for deliveries within France. Export deliveries are organised by container, groupage, etc.
- Support services management, finance, human resources, design office, marketing, information systems, sales administration, purchasing, safety & environment, quality, maintenance...

A 36 000m² industrial platform

- 12 200 tonne extrusion press: 45 tonnes of aluminium processed, 60 000m of aluminium profiles extruded every day.
- 4 lacquering lines: 8 000 to 100 000m² lacquered each week
- 2 vertical lacquering lines: electrostatic powder coating
- 1 horizontal lacquering line: for short runs, curved parts, and sheet metal
- 1 sublimation line: exclusive lacquers for N.O.S.®, Maohé® wood effects, or Eclats Métalliques, Terre de Matières® for metal patina effects
- 1 lacquering and packaging line for accessories
- 6 profile thermal break insulation lines
- 3 finishing workshops: taping / crimping / jointing
- 1 bending workshop
- 1 pre-machining workshop for gates, pergolas, and railings: made-to-measure, ready-to-assemble



L'Aluminium : a sustainable and recyclable material

The strong point of aluminium is that it can be **recycled over and over again** without losing its qualities or its value. **Recycling it** requires only 5% of the energy used to produce the primary metal, significantly reducing the material's carbon footprint. **75% of aluminium produced from primary smelting since 1880 is still in circulation.** Today, the recycling rate of aluminium in Europe is estimated to be 95%.

So, the "green metal" deserves its name. Thanks to its properties, especially its lightness, aluminium contributes to energy efficiency. Its strength-to-weight ratio allows large areas of glass to be installed in very thin profiles that maximise solar energy gains. The high reflectivity of aluminium gives it advantages for lighting management.



Our environmental approach Alu+ C-

Profils Systèmes® is committed to reducing its carbon footprint & to meeting the requirements of Alu+ C- :

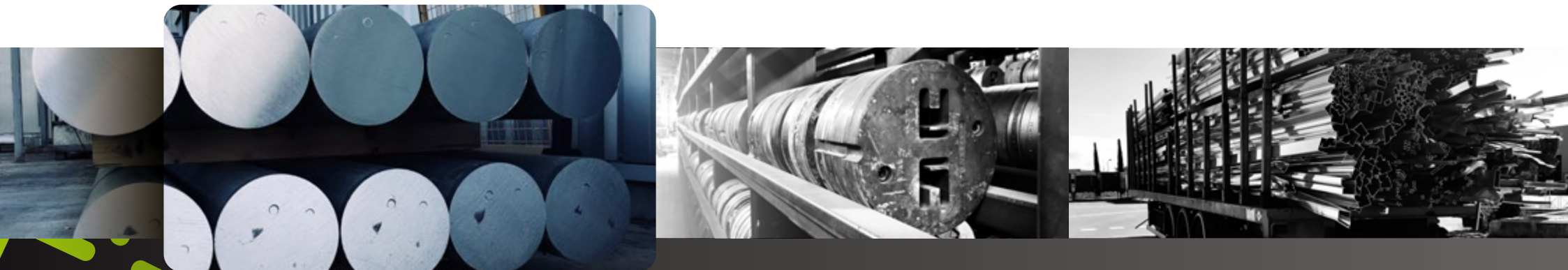
- 1- Traceability of our procurement methods for aluminium with a lower carbon content than the market average. The majority comes from the European Union, **20% comes from aluminium recycling in France,**
- 2- Our extrusion process benefits from the latest technology, allowing us to limit our carbon footprint.
- 3- All our production waste is recycled and transformed into billets that can be reused in the production process.

The Alu+C- approach has enabled the SNFA (Syndicat National de la Fenêtre Aluminium) to design global ESDSs (FDES) (Environmental Safety Data Sheets) which constitute essential information to assess the carbon footprint of buildings built in accordance with the requirements of ER 2020.

These standardised documents present the results of the Life Cycle Assessment of a typical product manufactured by several manufacturers, as well as information for the calculation of the environmental and health performance of the building.



Our profiles are made of aluminium alloy n°6060 (AGTS) according to the standards (NFA 50710, NFEN573.3, NFEN755.1, NFEN755.2, NF EN 12020.1, and NF EN 12020.2)



L'Aluminium : an insulating material thanks to thermal break insulation (RPT)

Profils Systèmes® uses the polyamide thermal break insulation technique for the **thermal insulation** or thermal bridge break (RPT) of its profiles. It is equipped with six thermal break insulation lines.

The process consists of notching an aluminium profile to attach a polyamide strip which is then integrated and crimped between two aluminium profiles. The polyamide strip will break the conduction between the two materials. Aluminium thus contributes to the energy performance of buildings.

Profils Systèmes® has been awarded the **QB Building Quality Label** for its thermally broken profiles.

PROFILÉS ALUMINIUM RPT



ALUMINIUM PROFILE RPT Label QB - Certificate n°: 002-529

The QB mark, Qualité Batiment® is a certification issued by the CSTB and is accredited by COFRAC Certification de Produits et de Services, N°5-0010. List of locations and scope available at www.cofrac.fr. This certification attests to the quality, performance, and reliability of the Cuzco®, Satin Road®, Satin Moon®, Toundra®, Pazco®, Touareg® and Wallis® thermal break profiles in France and internationally.



L'Aluminium : a durable material

The principle of bending consists of deforming a straight profile in successive passes to give it the desired radius of curvature. Profils Systèmes® has a **bending workshop** equipped with two cold bending machines to meet the various bending requirements: bull's eye, windows, doors, gates, etc.

Tailored finishing operations

Profils Systèmes® operates its finishing workshops in parallel or in series according to the customer's request: sealing, crimping, jointing, etc. Some products can combine several operations: lacquering, taping, thermal break insulation and jointing: that is to say four successive operations for an optimisation of the production at its customers.



Profils Systèmes® : a certified lacquerer

Healthy and safe, powder coating reduces the environmental impact by promoting the use of recycled alloys, guaranteeing solvent-free, heavy metal-free, VOC-free, 100% recyclable, lacquers, and hexavalent chrome-free surface treatments.

- Recycled alloys with powerful chemical compositions, optimised for surface treatments
- Solvent-free, VOC-free, 100% recyclable lacquers, applied without thinners or water
- Reduction in waste discharge
- Quantity optimisation and reuse of powders as raw materials
- Hexavalent chrome-free surface treatments
- Resistance to corrosive environments, resistance to filiform corrosion

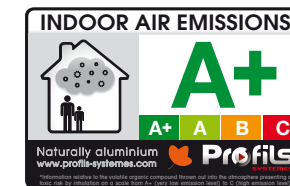
The aluminium industry has defined technical regulations, called «certification standards», setting out the procedures and controls to be carried out in order to achieve products that meet the requirements of the building markets.

The certification of our lacquered profiles is the result of our own approach. The purpose of this certification is to attest, by means of certificates issued by an independent third-party organisation, that our profiles comply with certain standards or technical specifications.

With two vertical lacquering lines, a horizontal lacquering line and a specific line for accessories, Profils Systèmes® offers expertise and reactivity (see opposite for all our certifications).



In accordance with the law on the labelling of construction products, the Profils Systèmes® aluminium window and door systems have an A+ label which informs the end consumer of their very low VOC.



Labels & Warranties



Label Qualilaquage - Licence n° QL-011

Issued by ADAL, this label attests to the fact that the process certificate for the treatment and powder coating of aluminium is being properly managed. A Qualilaquage lacquerer is the guarantee of a controlled powder coating process: chemical surface treatment, electrostatic powder coating and polymerisation. Protection by powder coating allows us to offer an infinite number of shades: matt, satin, glossy, smooth, textured, metallic, etc.



Label Qualimarine - Licence n° QMP-1175 / QM-038

Issued by ADAL, this label attests to a quality approach to powder-coated aluminium profiles used in particular for architectural applications in coastal or heavily polluted industrial areas. This preparation consists of removing the surface layer of the profile in order to eliminate all surface impurities and to recover the core composition of the metal.



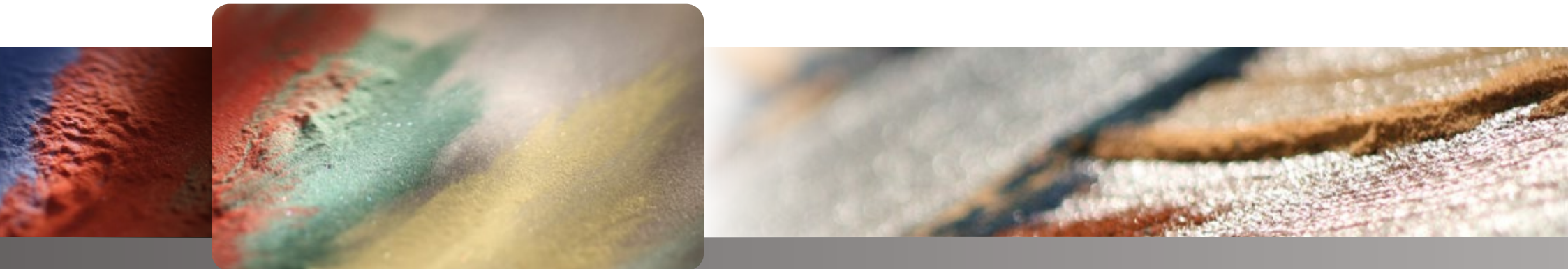
Label Qualicoat Seaside - Licence n° : 549

Issued by Qualicoat France, this label relates to the specific preparation which consists of removing the surface layer of the aluminium profile before lacquering in order to eliminate all impurities on the surface for installations planned in coastal areas and in heavily polluted industrial areas.



Label Qualanod - Licence n° : 1421 - Francano

Issued by ADAL (Association for the Development of Anodised or Lacquered Aluminium), this label concerns exclusively anodised aluminium products. Anodising is the specific surface treatment of aluminium which consists of creating a uniform, highly resistant layer of aluminium oxide by electrolysis. This coating gives the profile a very attractive satin finish.



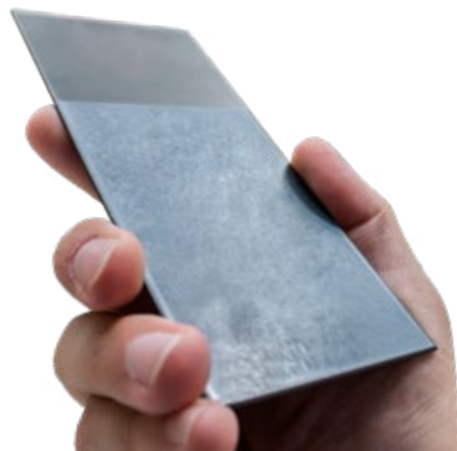
Highly durable lacquering guaranteed for up to 25 years

Since 2011, Profils Systèmes® has chosen class 2 high durability for its powder coatings, which guarantees the colour fastness of its profiles for up to 25 years.



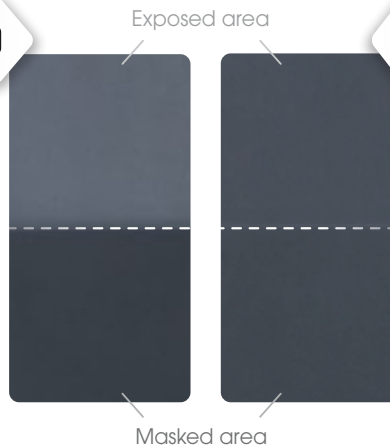
Comparison of polyester powder coatings

After **600 hours** of exposure to **QUVB**** test



QUALICOAT Classe 1

- Standard durability, Lacquering guaranteed 10 years
- 82% loss of gloss compared to the initial value
- Strongly altered colour, very significant bleaching
- Delta E: 6,22 (colour difference)



QUALICOAT Classe 2

- High durability, Lacquering guaranteed 25 years
- 30% loss of gloss compared to the initial value
- Colour virtually unchanged, difference invisible beyond 3m
- Delta E: < 1 or 0.74 (colour difference)

POWDER COATING GUARANTEED
25 YEARS



52% LESS LOSS OF SHINE!**

**QUVB 313 test (standard 4892-3). The accelerated ageing chamber artificially reproduces the full solar spectrum. It simulates, in a few hours or weeks, the deterioration and damage caused by damage caused by solar irradiation and outdoor weathering over a period of several years compared to the loss of gloss of a Qualicoat Class 1 coating



Colours & textures : an offer of over 400 shades

Profils Systèmes® offers **exclusive shades and textures.**

• Powder-coating



26 sanded and granulated shades



A range with gloss, satin, or frosted finishes

• Exclusive lacquer range for accessories



An original collection of deep metallic shades with lacquered, iridescent, or matt finishes



• Sublimation coating

A technique that involves an initial powder coating and then the application of a film with ink to print the wood, metal, or mineral finish.



A range with structured wood finishes



A range of high quality metal patina finishes



A range of mineral, metallic and high durability wood finishes



A range of classic wood effects



Innovate : anticipate & create the products of tomorrow

The Design Department

Comprising engineers and technicians, it is dedicated to the research and development of innovative technical solutions in terms of thermal qualities, acoustics, and ergonomics. It develops tailor-made solutions for specific sites.

Over 30 patents filed and innovative concepts

Many concepts are patented, making Profils Systèmes® a standard in the aluminium joinery market.

Highly energy-efficient products, large aluminium sliding bay-windows up to 3m, Jaya® minimalised closing frame junction, system windows with up to eight sections; sliding, corner sliding, sliding-fixed, lifting, etc. windows (visible, minimalist or concealed), verandas (classic or flat roof), outdoor products (adjustable or retractable pergolas, gazebos, carports, etc.).

An integrated test bench

The Design Office has an approved test bench that allows it to carry out A.W.W. tests. (Air Water Wind) and to test all of the new products that it develops before they are brought into conformity with the standards in force by recognised organisations (CSTB, CEBTP).

Technical hotline

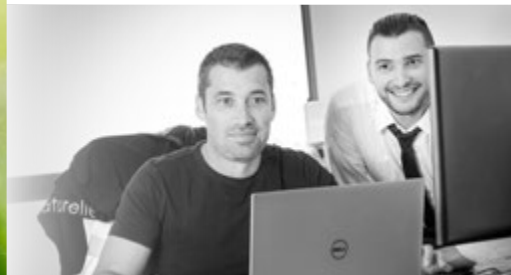
Integrated into the heart of the design office, the professional technical hotline is a real support for our partners.

Production of technical catalogues

The Design Office also produces and updates technical catalogues and product newsletters for carpentry professionals.

Software setup - BIMobject

A true support service for all of its partners' projects, the Design Office sets up software to assist in manufacturing and costing of any aluminium joinery project. Its latest ranges of joinery are integrated into BIMobject.



The product offer : large & high-performance, whatever the market

By anticipating new thermal and environmental regulations, Profils Systèmes® offers ever higher performance aluminium profiles.

Thermal insulation, soundproofing, a wealth of designs, finishes and exclusive accessories... these are just some of the advantages that make Profils Systèmes® the ideal partner for aluminium joinery professionals.

Individual and collective housing, commercial buildings, construction, renovations, refurbishments : for each project, and thanks to its wide range of aluminium profiles, Profils Systèmes® offers building professionals and specifiers, an adapted technical and aesthetic solution.

Invisible hinges, handles without bases, Profils Systèmes® offers a wide range of **accessories for designer doors** and windows, such as its Mandurah® handle range.

Marketing tools to demonstrate and promote products are available to the sales force: colour charts, sample cases, Appli Pro, #Signature magazines, etc.



Awards & prizes

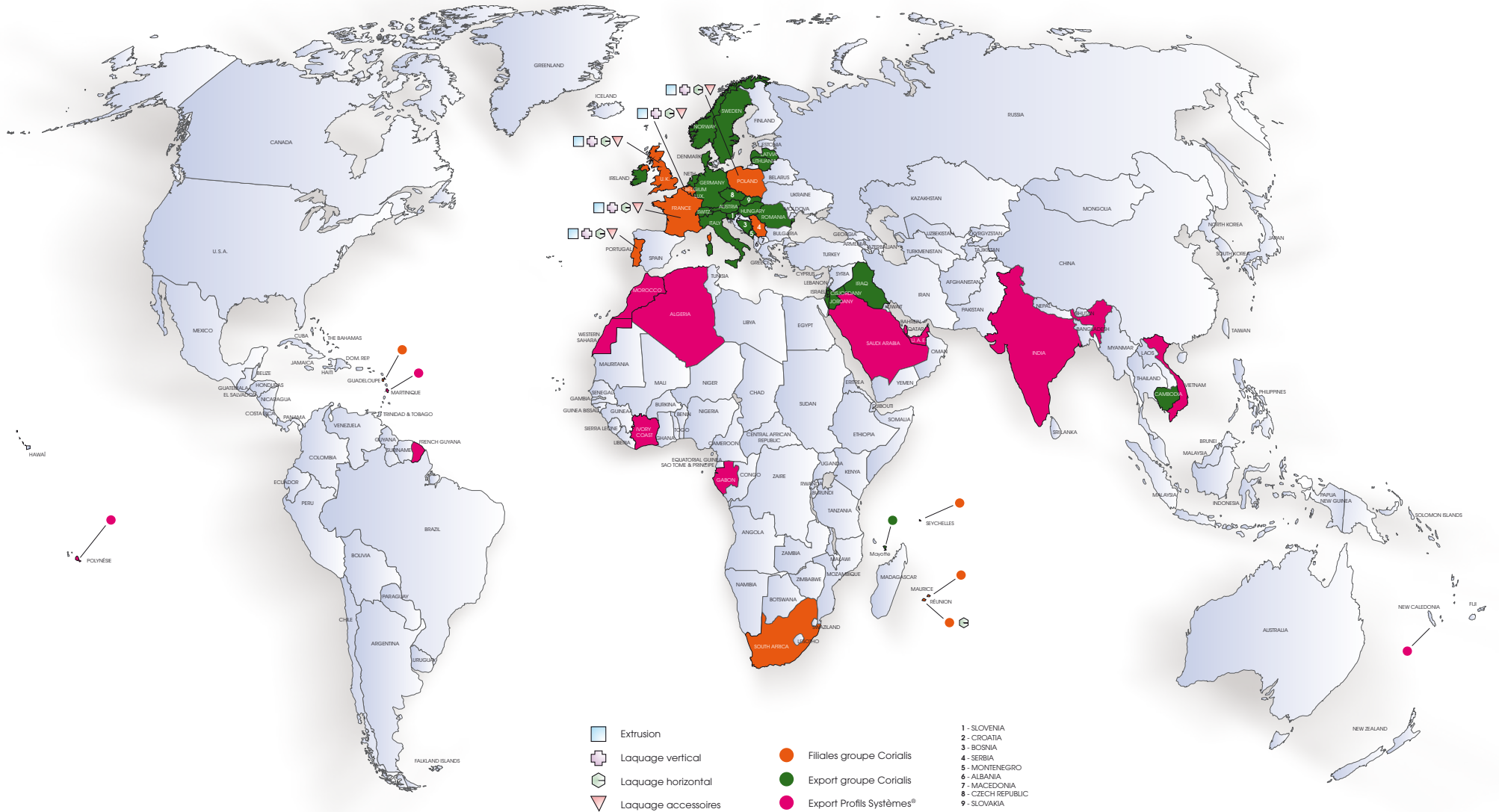
Innovation and design: numerous awards regularly recognise and reward the work and commitment of Profils Systèmes®:

- ArchiDesignclub Prize 2013 - BSO roof & Wallis&Outdoor® aluminium pergola
- Energaïa Innovation Bronze Medal for Energaïa 2010 - Photovoltaic Veranda Wallis&Energy®
- Architecture Award - 2010 FFPV2010 FFPV - Tanagra® curtain wall with photovoltaic integration
- Silver medal at the 2009 Bâtimat Design Awards - Design Factory Spirit®
- Performance EquipBaie / Métal Expo 2008 Performance Award - Sliding bay windows - Satin Road® with high energy performance
- Silver swimming pool award in the Safety category Retractable pool fence Pacoha Close Up® system
- Design Plus Competition
- INPI Prize for Innovation
- Master of the Environment
- Global Performance Awards
- Award for the best BTB communication campaign in 2017 and 2018
- Award for the best PS3D sales support tool in 2019



The Corialis Group : a global presence

Profilis Systèmes® belongs to the CORIALIS group (Core Innovative Aluminium Integrated Solutions)



REFERENCE PROJECTS



PGB (30) Nîmes

"The façade acts here as a signal, with particular attention paid to the property, a major issue in a time that is losing its memory. Choosing beauty is seen as a commitment, a resistance. I am fighting against aesthetic collapse. It is essential to re-establish a narrative in order to refuse the inexorable exile of beauty"

Rudy Ricciotti - Architect

Project manager :

Agence Rudy Ricciotti (83) Bandol

Interior design :

Pascal Mégias (30) Aigues-Mortes

Joineries Profils Systèmes®:

Cuzco® range of concealed vents RAL 9010 (exterior frames)

Satin Moon® range Noir Volcan Terra Cigala® (interior passageway frames)

Manufacture / installation of facade :

SAM Bâtiment (13) Istres, Tanagra VEC curtain wall: Profils Systèmes®

PASCAL Menuiserie (30) St Martin-de-Valgalgues - Certified Joiners Profils Systèmes®

Installers :

BG Pose (13) Istres and STJB Alu (13) Istres

Photos :

Richard Sprang





ARENA (13) Aix-en-Provence

"This Arena is not an expanded gymnasium," insists the Provençal architect.

It is a contemporary theatre, which combines sport, performance and culture."

Christophe Gulizzi - Architect

Project manager:

Christophe Gulizzi, Auer Weber Architects (Munich and Stuttgart), design offices CTE and Artelia, VRI, TPFi, Kanju, Altia, R2M, Axima, VSA and Ineo

Manufacturer installer External joinery:

**SAM ALU (13) Istres
Certified Joiner by Profils Systèmes®**

Joinery Profils Systèmes®:

Cuzco® range of concealed vents, RAL 9010 (exterior frame); Satin Moon® range Terra Cigala® colour Noir Volcan passageway frames).

Photos :

Lisa Ricciotti





MULTIMEDIA CENTRE (92) Garches

"Playing with horizontals like lines of text, the architectural choice of the new multimedia library in Garches reveals a building that catches the light between glass and a renovated building connected to new purposes."

Nathalie Fourmentin - Architect

Project manager:
Mairie de Garches (92) - Nathalie Fourmentin

Interior design:
Florence de Courtray

Manufacturer-installer:
**Tessalu Certified Joiner by Profils Systèmes® (78)
Mantes-la-Jolie**

Joinery Profils Systèmes®:
**Tanagra® Curtain Walls - Pazco® Windows & Frames,
Casement & Curved Windows, frames & doors**

Photos :
Richard Sprang





WEST WHARF Dubai

"Dressed in blue-tinted glass, mounted with Profils Systèmes® aluminium profiles, the Tanagra® range for curtain walls, and the Toundra® range for the sliding bay windows."

Project manager:
RMJM (Robert Matthew Johnson Marshall)

Architectural designer:
Anto Movad-Hazel Wong

Joinery Profils Systèmes®
Tanagra® curtain walls and Toundra® frames

Installers:
Alumetal LLC

Photos :
Profils Systèmes® E.A.U.





CALISTA (34) Jacou

"I wanted to create as if cabins perche on roof-terraces", and to break the monolithic nature of a classical building by dividing up the volumes. It is somewhere between a detached villa and a collective dwelling. Each of the twelve «boxes», «like randomly falling meteorites», is characterised by a specific variety of materials."

Jean-Luc Martineau - Architect

Project management/design :
Jean-Luc Martineau AAA architect, (34) Montpellier

Project management :
Amétis

Menuisier fabricant :
Alutech (34) Jacou - Certified Joiner by Profils Systèmes®

Joinery manufacturer:
Pazco® range Profils Systèmes®

Photos :
Amétis - Régis Domergue





COPAMO (77) Mormant

"The idea is to maintain a visual transparency over the park", explains architect

Fabien Jallon, "...while anticipating, from an aesthetic point of view, the future swimming pool." Almost 70% of the roofs are covered with vegetation. The whole structure is aligned with the access road, creating a new entrance to the town

Fabien Jallon - Architect

Project manager:
Fabien Jallon

Manufacturer-installer:
**CVI - Saulxures/Moselotte (88),
Certified manufacturer by Profils Systèmes®**

Joinery: Profils Systèmes®
**Windows and doors, Pazco®, Canopy Tanagra® Noir Volcan
Colours (passageway frames) : RAL 7021, Terra Cigala®**

Photos :
Richard Sprang





HOTEL DE VILLE (13) Istres

"I didn't want the mass of the building to matter too much within the site." That's why we opted from the outset for a building with a lot of glass, with glass that can react to the light, depending on the incidence of the sun, and that blends in with the background, a pine forest, which is very dark green all year round.

Michel Vallière - Architect

Project manager:

Atrium Architectes - (13) Istres

Project management:

SAM Bâtiment (13) Istres

Manufacturer-installer:

SAM Bâtiment (13) Istres - Certified Joiner by Profils Systèmes®

Menuiseries Profils Systèmes® :

Tanagra® double skin curtain wall, Toundra® frames

Colours antique grey Terra Cigala®

Photos :

Richard Sprang



UNIVERSITY HOSPITAL(972) Martinique

"The triangle is the only shape that is stable.

It allows the building to be rigid, to move on a system of springs, without deforming," explains Bernard Cabannes. It is also a simple and recognisable form, which gives the image of a homogeneous and reassuring entity, and which integrates into the existing building."

Lead architect :
SCAU Architectes (75) Paris

Project owner:
University hospital (CHU), Martinique

Project Management Contractor:
Groupement Semaff / Icade promotion

Joinery Profils Systèmes® :
Toundra® range

Manufacturer Installer:
SOCOMI (97) Martinique

Photos :
SCAU Architectes, Autrevue, Perspecteur, Platform, Luc Boegly



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