

Composite,
inspires
our imagination

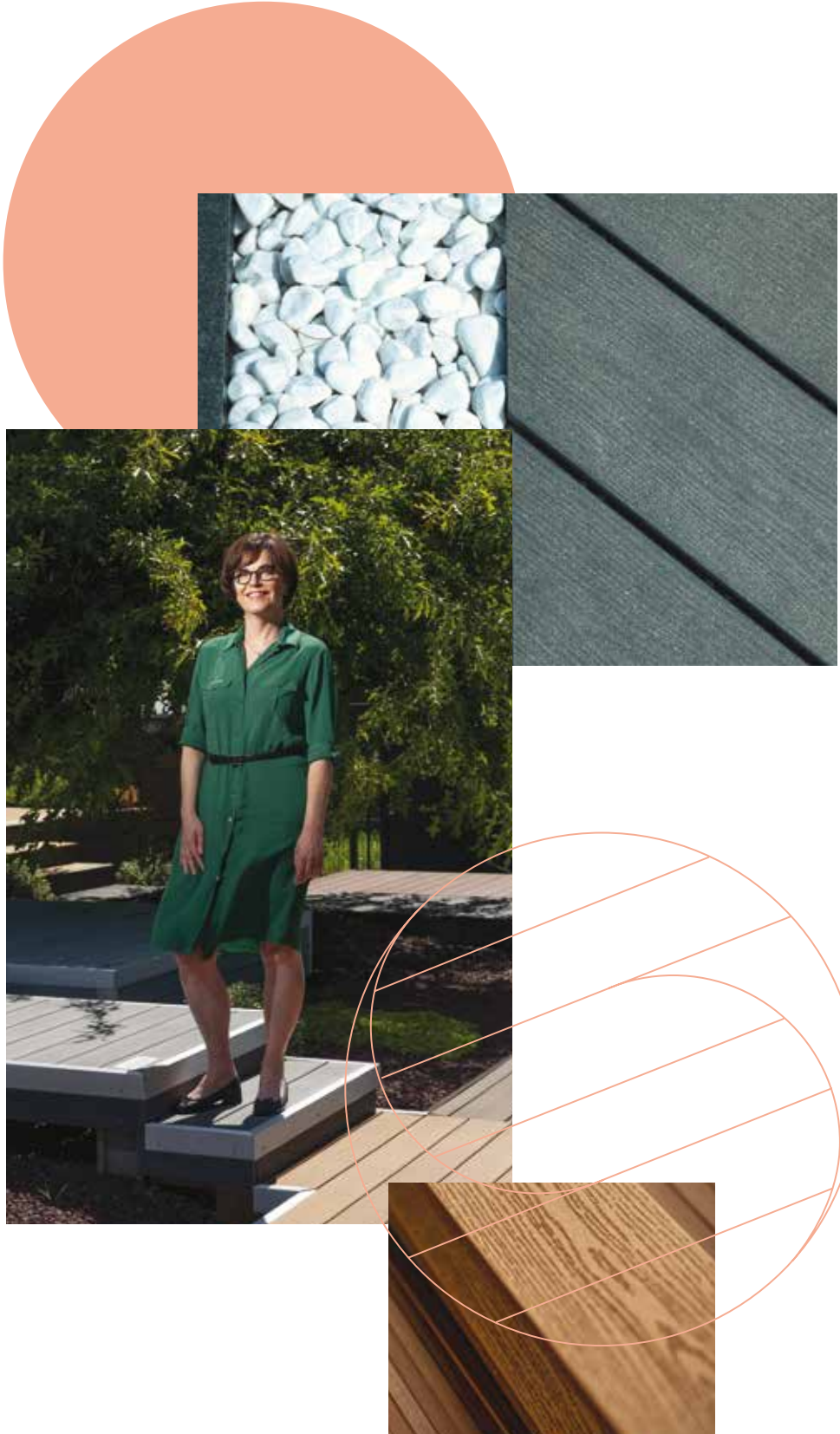


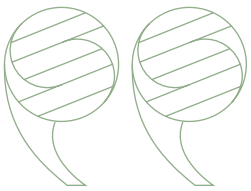
2021



silvadec

Life is composite





Working together to design a composite future!

One should remember where one has come from, to have a better idea of where to go...

2001-2021: Silvadec is preparing to celebrate its 20th birthday. Two decades... during those years this company, which I created with an associate, has worked tirelessly to develop the composite market – talk about a challenge! And we're delighted that today we are the market leader in France and Europe.

So what's behind this proven success? The fact that our values align perfectly with our ambitions.

We have stayed true to our values, and it shines through in our European integration and in our mastery of the manufacturing chain for products "Made in France" and "Made in Germany", on our Brittany and Bavière sites respectively. We aspire: to convey the excellence of French and German composite materials. We guarantee: transparent traceability of our raw materials, which either come directly from our Morbihan site where Silvadec wood flour fibres are manufactured, or are procured from other local sources. This should banish any lingering doubts about our ability to ensure consistency and guarantee the best product for our clients. For us, this is a crucial commitment.

“Continue on our quest for innovation in our products and/or our services”

Another part of our genetic make-up is the boldness that forges the characters of those who dare to be pioneers. Today we are still determined to reaffirm what sets us apart, and to continue on our quest for innovation in our products and/or our services. As such, Silvadec will implement in 2021 and 2022 a range of new offers, and we can't wait to show them to you!

We're in the process of developing an intensive programme to support you in your projects via all the channels that today's cutting-edge technologies have to offer: an online project configurator, a digital platform destined for professionals, etc. New assets to help us move faster, further, together, making sure that you receive the uninterrupted benefit of the Silvadec expertise and guarantee that you know and trust.

“We aren't just imagining the future... we're creating it!”

Our exceptional references speak on our behalf. We have risen to the challenges and needs expressed by our clients, even going beyond by anticipating future practices. Our leitmotiv is our motivation to expand the possibilities, because we aren't just imagining the future, we're creating it.



And – since we don't turn 20 every day – over the coming months you'll discover our new identity that fits well with our assumed position: to guarantee you a top-of-the-range product. We defend this premium sector because of what it represents: quality products, capable of standing out and triggering the desirability factor we all know so well, for everyone who dreams of a new art of living in their outdoor space. It has to reflect who they are, has to be personalised, has to be... composite.

Welcome to your new Silvadec® experience!

Bénédicte Jézéquel
Director and Co-Founder

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*Terms of the warranty can be downloaded from www.silvadec.com

OUR AWARDS



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Silvadec,
life is
composite



When composite comes to life

It's been two decades since we welcomed French and European composite to the world

Two decades in business, **4000 m²** of industrial premises, **3** production sites (in France and Germany), international reach, **80** employees, **€35 million** turnover, more than **1 million m²** of composite produced each year: Silvadec has come a long way since its creation in Brittany in 2001! Our company, a pioneer at the time, has followed this path in an agile and steadfast way, armed with technologies (extrusion and co-extrusion) that it has adopted in order to make an innovative product: wood composite. Through our mastery of the manufacturing processes and our sense of innovation, we were able to find our place and hold onto it, to the point of becoming today's market leader in France and Europe.



In Brittany, what we lack in exotic wood we make up for in ideas

And the recipe for this success? A unique formulation, made from **2/3 wood flour** combined with **1/3 polyethylene**. As a material made entirely of fibres, our Silvadec® composite has properties that render it highly durable (it is rot-resistant), warm in terms of appearance (as the boards do not fade to grey and are UV-resistant), easy to install and comfortable to use every day.

Composite, inspires our imagination

Currently available in decking, fencing and cladding boards, our composite has been a top choice, tempting clients and transforming itself time and again to suit new uses, enabling the creation of bespoke outside spaces. With ranges of textures, colours and applications: **our products expand the possibilities to create a personal, durable design!**

October
2001

• **Creation of Silvadec**
(Arzal)

2003

• **Gold medal for innovation, BATIMAT**
(Paris)
• Lyon d'Or (Gold medal), Eurobois trade fair

2004

• **1st HQE project – École Nicolas Hulot pour la Nature et l'Homme (Educational centre focusing on biodiversity)**
(Branféré district)

2005

• Innovation award, Garden & Landscaping fair
(Paris)

2008

• Originality trophy, Swimming Pool trade fair
(Lyon)

2010

• Innovation award, Garden fair
(Prague)

2013

• **Silvadec PEFC certification, 1st composite manufacturer in Europe to become PEFC-certified**
• **Obtained the Singapore GREENLABEL**

Citizens of the world from day one



As an environmentally responsible company, we have held ISO 14001* certification since March 2014 and are committed to managing our environmental impacts (waste, noise, etc.).

Despite large production volumes, no trees have been cut down for this purpose. Furthermore, **a sizeable proportion of the polyethylene we use is recycled, which helped us obtain the MORE¹ label in 2020.** Ultimately, the composite itself is 100% recyclable. And let's not forget PEFC certification**, which has been obtained by our suppliers.

Traceability and safety are among our core commitments: our products contain **no toxic products** (e.g. formaldehydes or PVC), **and no heavy metals**, and they emit very low levels of volatile organic compounds (A+ classification). They present no hazard for the environment or for your health. **All our dyes are sourced from Europe.**

* Standard applicable to environmental management systems
 ** European label providing consumers with a guarantee that the wood or the wood-based products bearing this label come from sustainably managed forests



Passionate and transparent!

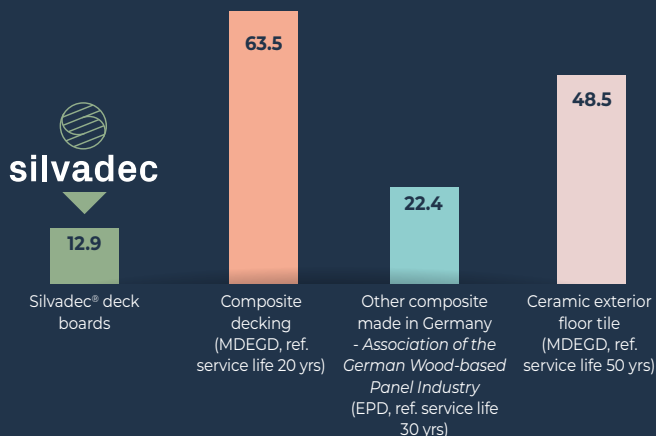
In a voluntary step directly aligned with our commitment to the environment, we were the first manufacturer to draw up, in 2019, an **Environmental Product Declaration* (EPD)** for our composite deck boards and cladding.

It presents the results of the product's Life Cycle Analysis (LCA), and provides health-related information so that the environmental and health performance of a building can be evaluated and fed into its eco-friendly design. The data are gathered into an inventory and communicated in a format that lends itself to product comparison.

The climate-warming impact of Silvadec's® deck boards has been compared against that of other deckings and composite/ceramic floor tiles.

Our carbon footprint

(measured in kg of CO₂ released per functional unit)



* Conducted by EVEA (French LCA specialist company). INIES [Environmental and health reference data for buildings] checks and validation conducted by the FCBA institute. MDEGD = default generic environmental data module

2014

- 1st independent composite manufacturer in Europe with ISO 14001 certification
- Creation of the Silvadec wood flour fibre production site

2017

- Creation of 2nd production site, Silvadec Germany in Schierling (Bavière, Germany)

2018

- ISO 14001 certification 2015 version
- 1st prize in the "Outdoor features" category with its fencing range At the "Mon jardin & Ma maison" Grand Prix

2019

- 1st French composite supplier to draw up an **EPD for Silvadec® composite deck boards and cladding**

2020

- **(1) MORE label** "Mobilised for recycling": 1st European label awarded to industrial companies that integrate recycled plastic in their production (circular economy principles)

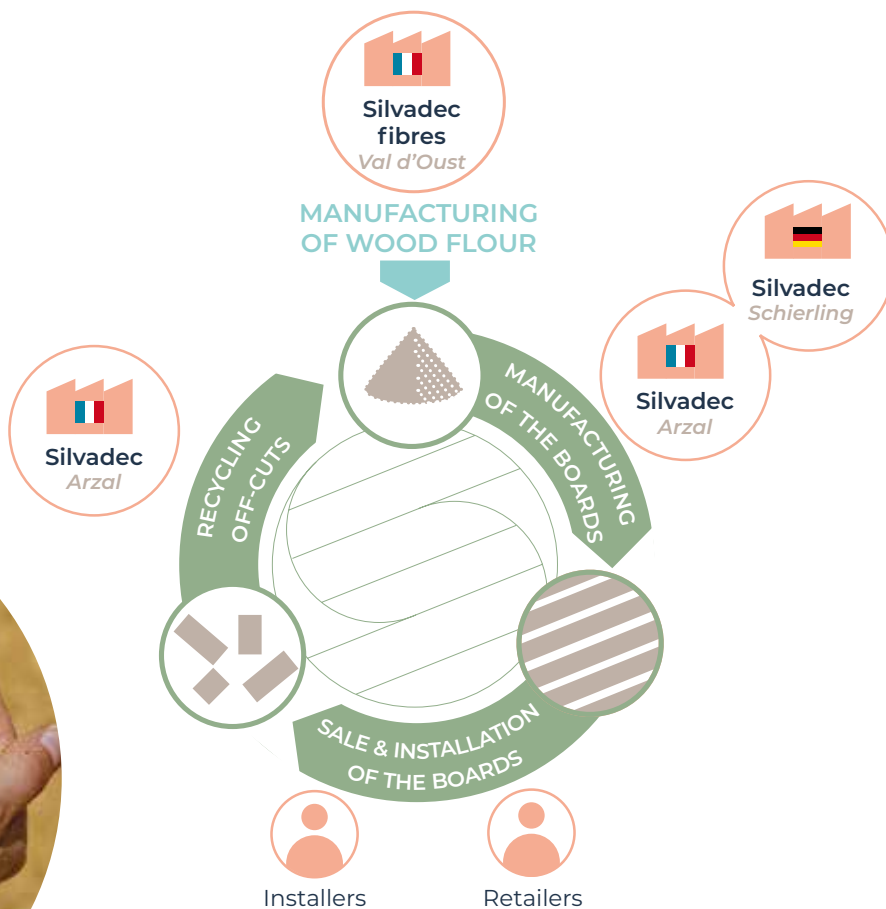


Going round in a circle – that’s our idea of progress

From the beginning, we at Silvadec have recognised the importance of CSR and environmental challenges.

Our vigilance about the origin of our raw materials led us to invest, in 2014, in our own wood flour factory, just a few kilometres from our company's long-established HQ. We then created Silvadec Fibres, thanks to a joint venture established with the largest sawmill in Brittany: **a model demonstrating the circular economy!**

This means we can guarantee the **traceability and quality of our raw materials** while minimising our carbon footprint. This vertical integration led to the creation of around ten jobs. We are very proud to be feeding into our regional economy in this way. This vertical integration is also part of the DNA of our group today.





So needs, trends and designs are changing? Bring it on.

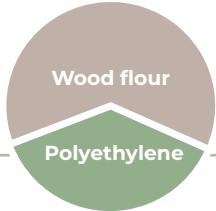
Our know-how puts us in a position to offer excellence. This excellence can be seen in the **high performance level** and the **consistent quality** of our products. It can be measured by the large-scale architecture projects we undertake in France and all over the world.

Experience... and agility!

Our dynamic **research and development** approach, propelled by a team of **5 engineers and technicians**, reflects our capacity to keep on innovating. Our design office seeks ways to improve the durability and aesthetic appeal of our composite. It invents composite materials that are innovative yet practical, expanding the possibilities for creating outdoor spaces.



We aspire: to offer you a unique product!

| Characteristics | Advantages |
|--|---|
| COMPOSITION | |
|  <p>2/3 PEFC sourced wood Wood species: Maritime pine and Sitka spruce of French origin</p> | Board is easy to work, warm appearance Warmth under bare feet when sunlit is equivalent to that of solid wood, and less than that from composite boards that contain more polymers. Only the co-extruded board is warmer because of the polymer layer encasing the board. |
| <p>1/3 polyethylene</p> | Long-lasting UV-resistance, and a stable colour in outdoor settings after years of exposure to the elements (does not grey like solid wood). |
| RESISTANCE AND DURABILITY | |
| Resistance to termites (EN 350-1/EN318) and to xylophagous fungi (N34/EN318) | 25-year board warranty* Rot-resistant |
| Moisture-resistant after 24h of immersion as per EN317 · Swelling: 0.4% · Mass gain: 1.4% | Uniform ageing of the boards Resistant over time |
| Impact penetration hardness Brinell hardness 59.6 MPa, very strong material | Hardness equivalent to oak |
| Fire reaction Silvadec® composite has M3 classification according to standard NFP92-501. The Elegance boards are classified as Dfl-s1 according to standard EN 13501-1, and Broof(t1) according to standard NF EN 13501-5: 2016, which characterises the performance of roofing exposed to external fire. | Flammable product whose fire contribution is considered acceptable (decking). Very low smoke emission Silvadec® composite is suitable for use in a rooftop terrace. |
| Slip resistance Tests to determine the slip resistance of our deck boards ¹ have been conducted using the XP CEN/TS 16165 assessment method. The slip classification is established based on the German standards DIN 51130 (with shoes on) and DIN 51097 (with bare feet), or the equivalent French standard NF P 05 011. (DIN 51097 (bare feet): class C, equivalent to class PN 24 under French standard NF P 05 011). The results obtained show that our boards offer good slip resistance for bare feet surface or with shoes on. <i>(1) details of the results for each type of deck board on pages 20, 22 and 24</i> | R11 classification: attests to a good grip (suitable for uses such as decking in communal ground-level gardens, landings with access to outdoor parts of public-access areas, etc.). R12 classification: attests to a strong grip (suitable for use on public forecourts, outdoor access ramps for persons of reduced mobility (maximum slope of 5%), outdoor access areas in shopping arcades, floors of refectories, restaurants and canteens, etc.). R13 classification: attests to an extremely good grip (suitable for abattoir or fish market floors). |
| Deck board for outdoor pedestrian use, withstands a uniformly distributed load of 500 kg/m² | Suitable for public reception areas |
| SUITABLE FOR CHILDREN | |
| The Elegance and Atmosphere deck boards are compliant with standard EN 71-3: 2019 " Safety of Toys ", concerning health risks, including the migration of heavy metals and VOCs (label A+) | The Silvadec® composite with which children may come into contact poses no risk to their health, and has been made with respect for the environment. |
| Physical properties of Silvadec® composite | |
| Specific gravity: 1.22 | Coefficient of thermal expansion: 2.9 x 10 ⁻² mm x m ⁻¹ x °C ⁻¹ |
| Modulus of elasticity: E = 3200 MPa | Tensile strength: σ _r = 23.6 MPa |





* Against structural damage caused by insect and mould infestation conditions of the guarantee available at www.silvadec.com



Something to suit every use... our profiles, solid or hollow core

Various versions to suit

As a specialist, we design and make solid or hollow core profiles suitable for each type of use. Whether it's to fit out decking, fencing or a cladding, and whether vertical or horizontal, we provide you with solutions, customisation... and a guarantee!

| | | | |
|--------------------|---|--------------------------------|---|
| DECKING |  | Solid board, non-reversible | No ponding of water inside the boards; frost-proof; underside protected to limit moisture intake from below |
| FENCING |  | Hollow core board | Profile technically suitable for use as a fence (in the vertical plane) |
| Cladding: | | | |
| · CLADDING |  | Hollow core board | Profile technically suitable for use as a cladding (in the vertical plane) |
| · SUN SHADE |  | Hollow core board | Very versatile: can be placed vertically or horizontally, as part of a cladding or on a free-standing structure |



See you in 2045?

Our Silvadec® composite decking, fencing and cladding profiles are guaranteed against structural damage due to fungal and insect attacks: for 25 years in residential usage and 10 years in commercial usage, whether professional or public.

** Warranty terms available at www.silvadec.com*

Our range of modular boards for a composite future

At Silvadec, technology expands the possibilities.

Our board manufacturing processes, based on extrusion or co-extrusion, pave the way for us to develop a whole range of modular products. Some people adore authenticity, others are into innovation and modern ingenuity... our boards answer every aspiration in outdoor space creation.

AUTHENTICITY AS NATURE INTENDED

Manufacturing process: extrusion

CHARACTERISTICS

- Integrally coloured Silvadec® composite
- Temporary bronzing phenomenon with initial exposure to UV (disappears after a few weeks of outdoor exposure)

ADVANTAGES

- Very natural surface appearance similar to that of unfinished wood
- The boards are as easy to work as solid wood and can be sanded, planed and drilled.

Elegance board



Decking

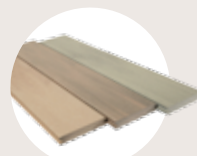


Fencing



Sun shades

Emotion board



Decking

DESIGN BY INNOVATION

Manufacturing process: co-extrusion

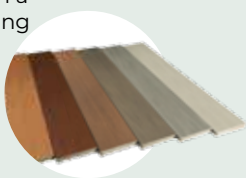
CHARACTERISTICS

Silvadec® composite with a protective polymer coating

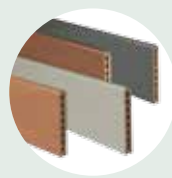
ADVANTAGES

- No temporary bronzing of the boards; long-lasting colour
- Easier clean-up of household stains

Atmosphere board



Decking



Fencing



Cladding

Manufacturing process: aluminium extrusion

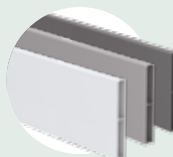
CHARACTERISTICS

Board made of powder-coated aluminium, Qualicoat® certified

ADVANTAGES

- Forms a modular openwork or solid fence
- Easy maintenance
- Compatible with all Silvadec® accessories

Aluminium board



Fencing



Door

Silvadec, a hallmark of quality in your outdoor space



> RESIDENTIAL SPACES



- 1 - Atmosphere cladding board, Light Brown, private home (Morocco)
2 - Smooth Elegance deck board, Anthracite Grey 180 mm, private home (France)
3 - Emotion deck board, Equator Brown 138 mm, private home (Spain)



> OUTDOOR DINING AREAS (CAFÉS, HOTELS, RESTAURANTS)



- 1 - Embossed Elegance deck board, Iroise Grey, 138 mm, Brasserie des Demoiselles (Rochefort, France) - 2020
- 2 - Grooved Elegance deck board, Colorado Brown, 138 mm, 3500 m², Cap 3000 Shopping Centre (Saint-Laurent-du-Var, France) - 2019
- 3 - Atmosphere deck board, Rio Brown 138 mm, Prince de Galles (Prince of Wales) ***** hotel (Paris VIII) - 2019



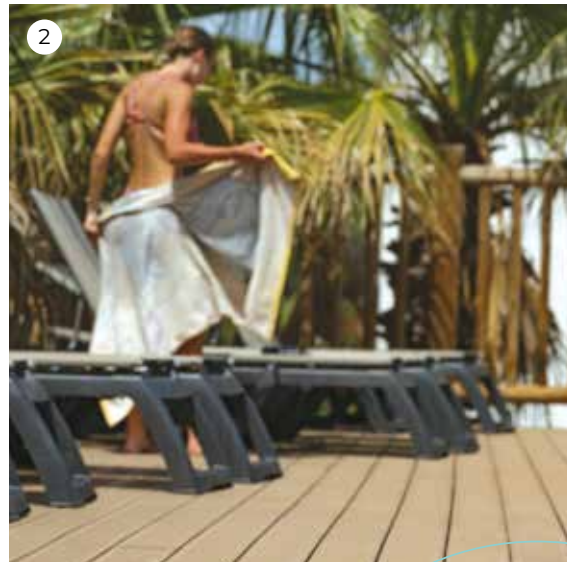
> POOLSIDE AND RELAXATION SPACES



1

Silvadec® composite is resistant to all swimming pool chemicals.

We supply products to a French manufacturer recognised on the above-ground swimming pool market in France and abroad.

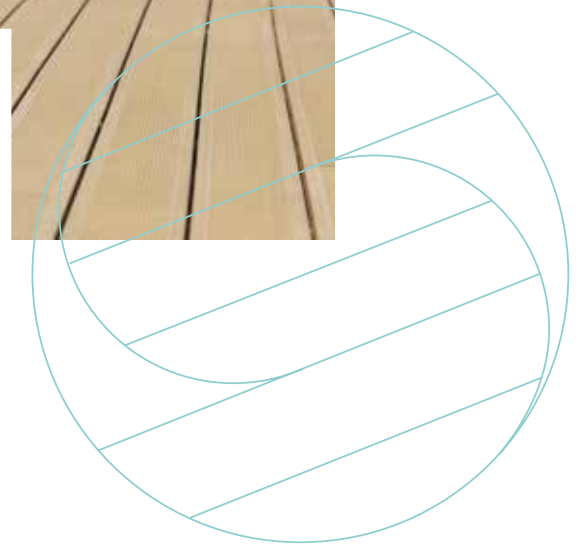


2



3

- 1 - Embossed Elegance deck board, Anthracite Grey, 180 mm, private home (France)
- 2 - Grooved Elegance deck board, Colorado Brown, 138 mm, 1300 m², La Baume-La Palmeraie Campsite (Fréjus, France) - 2019
- 3 - Grooved Elegance deck boards, Exotic Brown and Iroise Grey, set decoration for the French TV programme Secret Story - 2007





> PUBLIC FACILITIES



Silvadec® composite is resistant to the difficult conditions of seashore environments.

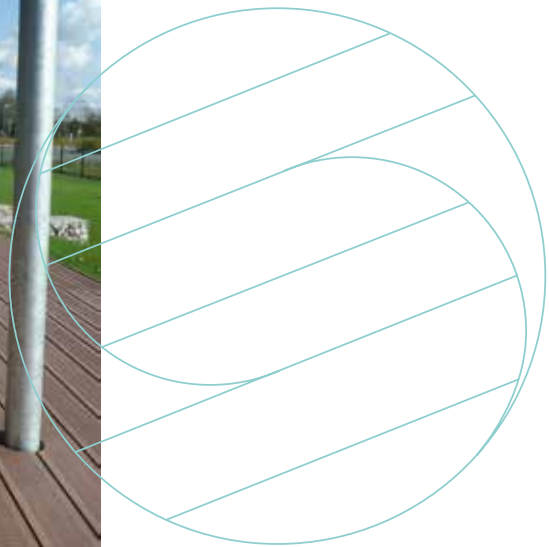
We supply products to the world leader in pleasure-boating.



- 1 - Elegance fascia, Colorado Brown, Shopping Centre (La Roche-sur-Yon, France) - 2012
- 2 - Grooved Elegance deck board, Colorado Brown, 138 mm, 3500 m², Cap 3000 Shopping Centre (Saint-Laurent-du-Var, France) - 2019
- 3 - Boat part specifically machined for Jeanneau, the world leader in pleasure-boating



> CORPORATE SPACES



- 1 - Grooved Elegance deck board, Colorado Brown, 138 mm, Law firm, 2000 m² (Paris VIII) - 2018
- 2 - Atmosphere cladding board, Dark Grey (France)
- 3 - Grooved Elegance deck board, Exotic Brown, head Offices of MTML Group (France)

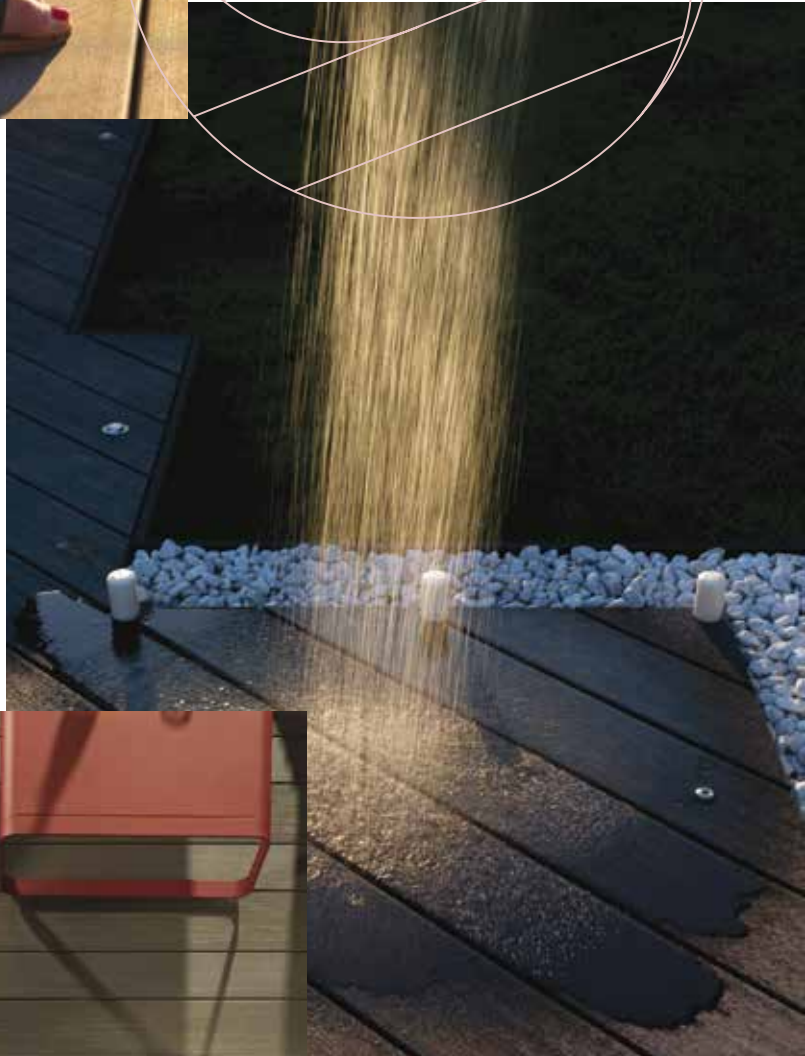


> DECKING, BALCONIES, COLLECTIVE HOUSING DEVELOPMENTS



- 1 - Grooved Elegance deck board, Colorado Brown, 138 mm, Law firm, 2000 m² (Paris VIII) - 2018
- 2 - Grooved Elegance deck board, Exotic Brown, The Oberoi Hotel (Dubai) - 2013
- 3 - Atmosphere cladding board, Light Grey, "Berges de Saint-Louis" residence (La Rochelle, France) - 2016

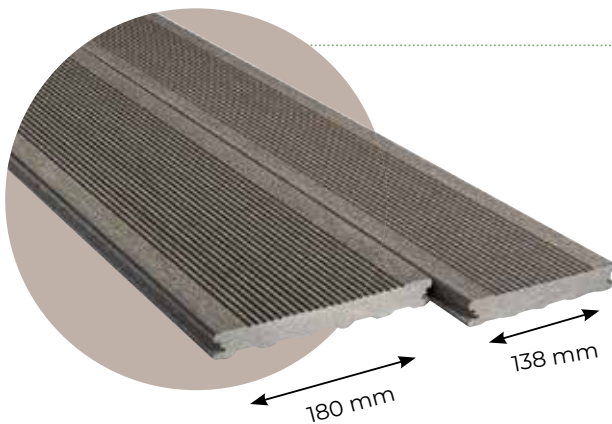
Our decking





Elegance deck board: choose the bespoke option

Thanks to a range of colours and finishes, two width options and a range of accessories, customising decking with our Elegance deck boards becomes an art in itself!



TECHNICAL CHARACTERISTICS

- 2 widths: 138 and 180 mm
- Dimensions in mm:
138 x 23 x 4000 and 180 x 23 x 4000
- Tolerances:
width and thickness: +/- 2 mm;
length: +/-10 mm
(lengths from 1 to 6 m available
by special order)

| Characteristics / applications | Grooved finish | Smooth finish | Embossed finish |
|---|----------------|---------------|-----------------|
| • Worked in the same manner as solid wood | ●● | ●●● | ●● |
| • Scratch resistance | ●●● | ● | ●● |
| • Ease of repair of the surface appearance (sanding) | ●● | ●●● | ● |
| • Slip resistance Lengthwise to the board (138 / 180 mm)* | ●●● | ●● | ●● |
| Crosswise to the board (138 / 180 mm)* | R13 / R11 | R11 | R11 |
| • Comfortable barefoot on sunlit surface (T° of the board in the sun) compared to exotic wood | ●● | ●● | ●● |
| • Easy clean-up of household stains | ●● | ●● | ●● |
| • Suitable for outdoor areas exposed to UV rays and rain | ●●● | ●●● | ●●● |


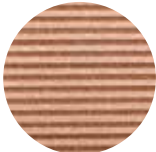
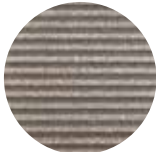
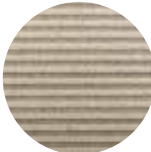




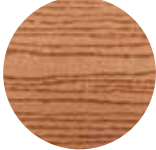
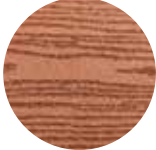

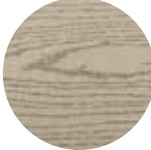
● : medium ●● : good ●●● : very good * See table page 10



A bronzing phenomenon, entirely natural and temporary, will cause the boards to turn yellow when first exposed to UV rays. After a few weeks outdoors exposed to UV and rain, they will revert to their original colour! (see p. 68)



Colours and finishes available

| | Colorado Brown | Exotic Brown | Anthracite Grey | Iroise Grey |
|------------------|---|---|---|---|
| Grooved finish |  |  |  |  |
| Smooth finish |  |  |  |  |
| Embossed finish* |  |  |  |  |

* The embossed finish has a surface appearance which fades over time, giving it its natural and patinated look.

+ Points

- Splinter-free
- Does not fade to grey like solid wood
- No treatment required
- Rot-resistant
- UV-resistant
- Frost-resistant
- Guaranteed for 25 years**

** Terms of the warranty can be downloaded from www.silvadec.com

USES

- Decking and swimming pool decks
- Public or private areas open to pedestrian use
- Outside (not suitable for covered or semi-covered locations)

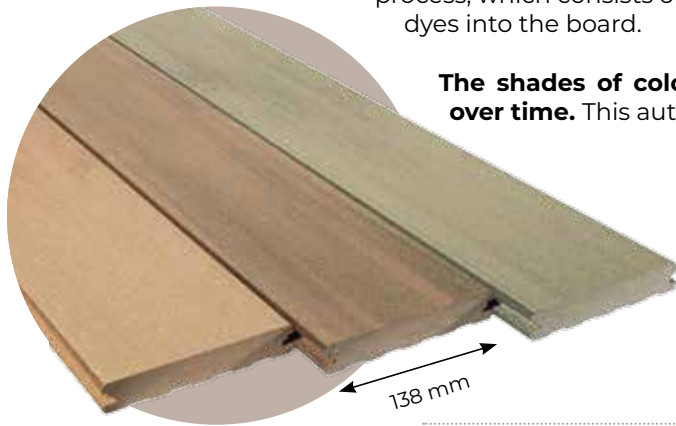




Emotion deck board: focus on the warm side

Our Emotion board can be distinguished by its manufacturing process, which consists of **injecting a random mixture** of several dyes into the board.

The shades of colour of our Emotion board are **durable over time**. This authentic finish makes each board unique.



| Characteristics / applications | Smooth finish |
|---|---------------|
| · Worked in the same manner as solid wood | ● ● ● |
| · Scratch resistance | ● |
| · Ease of repair of the surface appearance (sanding) | ● ● ● |
| · Slip resistance | ● ● |
| · Comfortable barefoot on sunlit surface (T° of the board in the sun) compared to exotic wood | ● ● |
| · Easy clean-up of household stains | ● ● |
| · Suitable for outdoor areas exposed to UV rays and rain | ● ● ● |

● : medium ● ● : good ● ● ● : very good

TECHNICAL CHARACTERISTICS

- Dimensions in mm: 138 x 23 x 4000
- Tolerances:
 - width and thickness: +/- 2 mm;
 - length: +/- 10 mm
 (lengths from 1 to 6 m available by special order)



A bronzing phenomenon, entirely natural and temporary, will cause the boards to turn yellow when first exposed to UV rays. After a few weeks outdoors exposed to UV and rain, they will revert to their original colour!
(see p. 68)



Colours and finishes available

Savanna
Brown

Equator
Brown

Taiga
Grey

Grooved
finish



+ Points

- Splinter-free
- Does not fade to grey like solid wood
- No treatment required
- Rot-resistant
- UV-resistant
- Frost-resistant
- Guaranteed for 25 years*

* Terms of the warranty can be downloaded from www.silvadec.com

USES

- Decking and swimming pool decks
- Outside (not suitable for covered or semi-covered locations)

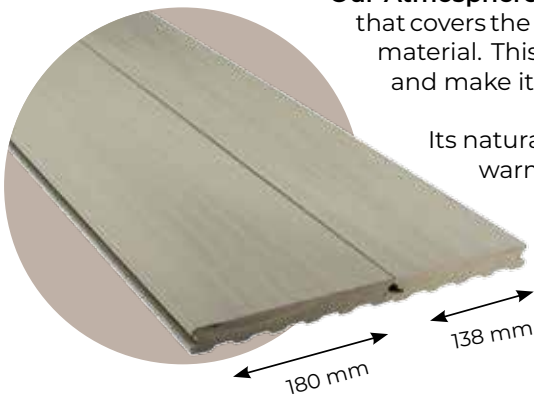




Atmosphere deck board: adopt innovation

Our Atmosphere board is derived from a unique co-extrusion process that covers the composite board with a protective envelope of polymer material. This characteristic gives it exceptional technical qualities and make it convenient to use.

Its natural feel and brushed surface finish provide a natural and warm look.



| Characteristics / applications | Brushed finish |
|---|----------------|
| • Temporary bronzing | NO |
| • Scratch resistance | ● ● |
| • Slip resistance Lengthwise to the board* | ● ● ● |
| Crosswise to the board* | R12 R13 |
| • Comfortable barefoot on sunlit surface (T° of the board in the sun) compared to exotic wood | ● |
| • Easy clean-up of household stains | ● ● ● |
| • Suitable for outdoor areas exposed to UV rays and rain | ● ● ● |
| • Suitable for sheltered or covered areas | ● ● ● |

● : medium ● ● : good ● ● ● : very good * See table page 10

TECHNICAL CHARACTERISTICS

- 2 widths: 138 and 180 mm
- Dimensions in mm:
138 x 23 x 4000
and 180 x 23 x 4000
Tolerances:
width and thickness: +/- 2 mm;
length: +/- 10 mm
(lengths from 1 to 6 m available by special order)



Choose **authenticity** with a board in Sao Paulo or Rio Brown, **brightness** with a Lima Brown board, or why not a **designer-look** board in one of our Greys: Cayenne, Ushuaia or Belem!

Colours and finishes available

| | Lima Brown | Sao Paulo Brown | Rio Brown | Cayenne Grey | Ushuaia Grey | Belem Grey |
|----------------|------------|-----------------|-----------|--------------|--------------|------------|
| Brushed finish | | | | | | |

+ Points

- Splinter-free
- Colour stability without treatment
- Rot-resistant
- Frost-resistant
- Guaranteed for 25 years*

*Terms of the warranty can be downloaded from www.silvadec.com

USES

- Residential
- Public facilities
- Outdoor kitchens, including in sheltered or semi-sheltered areas



Accessories to create your Silvadeck decking



> ASSEMBLY

PEDESTAL MOUNTING



ALUMINIUM JOIST + SELF-TAPPING STAINLESS STEEL SCREWS

- Alternative to the wooden joist
- Structural solution enabling long-lasting pedestal mounting
- Designed to simplify installation of your decking, by placing buttings directly on a single joist
- Enables installation of wide-spaced pedestals: 90 cm for a private installation and 60 cm for a public installation
- Interaxial space between joists: 40 cm max.

Dimensions:

- Joist: 47 x 76 x 4000 mm

- Screw: Ø 3.5 x 19 mm

A2 countersunk stainless steel self-tapping screw

Screw compatible with the single fastening clip and the start and end clip

- Packet of 30 screws

INSTALLATION ON CONCRETE SLAB



COMPOSITE JOIST

- Suitable only for flat installation on a concrete slab
- Dimensions in mm:
50 x 50 x 4000 in Anthracite Grey
50 x 50 x 4000 and 50 x 50 x 3000 in Brown



SINGLE FASTENING CLIP AND STAINLESS STEEL SCREW

- Use one clip per board/joist intersection; for buttings, double the number of clips and joists
- Screw dimensions: Ø 4x35mm
- Packet of 30 single fastening clips + stainless steel screws or box of 360 single fastening clips + stainless steel screws + Torx T15 bit
- Box of 360 screwless single fastening clips available for fitting on aluminium joist

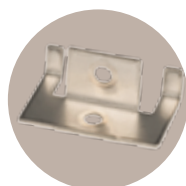


The screws supplied with our clips are not suitable for the aluminium joist (supplied with our stainless steel self-tapping screws).



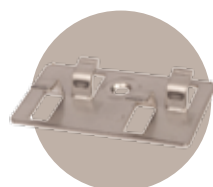
ALUMINIUM REMOVABLE CLIP

- Can be used:
- To create access to a component located below the decking (seal, electrical connection block, etc.), for occasional maintenance
 - To render the decking partially removable by inserting one or two rows of removable clips at regular intervals between the boards, instead of the single fastening clips
 - Not compatible with the aluminium joist
 - Screw dimensions: Ø 3x35 mm
 - Packet of 10 clips with screws



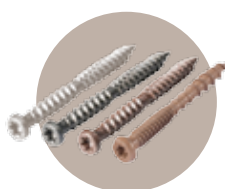
STAINLESS STEEL START AND END CLIP

- Used to secure the boards along the edge of the decking to each joist
- Screw dimensions: Ø 4x35mm
- Packet of 10 start and end clips + stainless steel screws



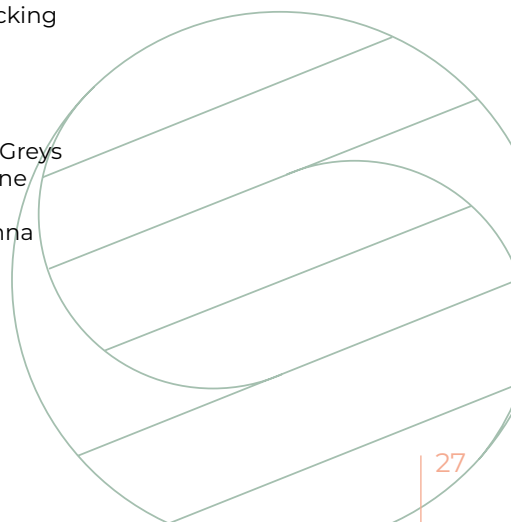
STAINLESS STEEL BUTTING CLIP

- Used to join 4 board corners to a single joist using only one fastening clip. The butting clip is not compatible with the aluminium joist
- Screw dimensions: Ø 4x35mm
- Packet of 10 butting clips + stainless steel screws.



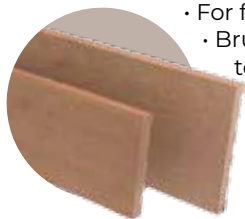
SPECIAL STAINLESS STEEL COMPOSITE SCREWS

- Coloured screws, matching our range of deck boards, which give a sophisticated finish when installing profiles. These screws replace the start and end clips and are used to secure the boards along the edge of the decking
- Not compatible with aluminium joists
- Dimensions: Ø 5x50mm
- Box of 150 screws and box of 50 screws
- Colours:
 - Light Grey:** for boards in the Iroise and Belem Greys
 - Dark Grey:** for boards in the Anthracite, Cayenne and Ushuaia Greys
 - Light Brown:** for boards in the Colorado, Savanna and Lima Browns
 - Dark Brown:** for boards in the Equator, Rio, Sao Paulo and Exotic Browns



> FINISH

FINISHING BOARD



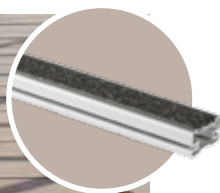
- For framing the decking
- Brushed on one side and one edge; to be installed with the brushed side visible
- 138 mm board: two straight edges; must be secured with the special composite screws
- 180 mm board: one straight edge and one machined edge to accommodate the clip; can be secured on one side by a screw and on the other by a clip
- Dimensions in mm: 138 x 23 x 4000 and 180 x 23 x 4000
- Colours available in 138 mm and 180 mm sizes:
 - the 4 Elegance board colours
 - the 6 Atmosphere board colours



138 mm finishing board



180 mm finishing board

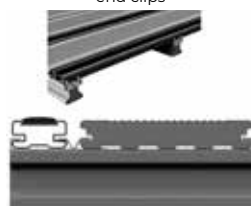


NON-SLIP INSERT

(ALUMINIUM AND EPOXY RESIN)

- Clips in like a board between two deck boards
- Complies with all non-slip requirements (e.g. ensuring safety on a slope or an access for persons with reduced mobility in a public space)
- Dimensions in mm: 45 x 23 x 2000

Installation with start and end clips

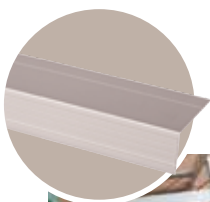


Installation with single fastening clip

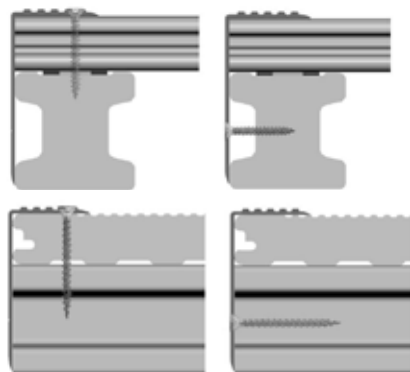


ALUMINIUM CORNER PROFILE

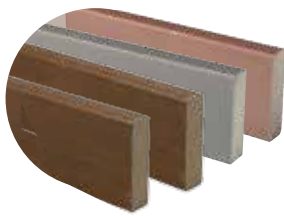
- Finishing accessory designed to enhance the edge of your decking.
- Dimensions in mm: 37 x 74 x 2000



There are two screw-fixing options.



Fixing screws from above Fixing screws from the side



FASCIA BOARD

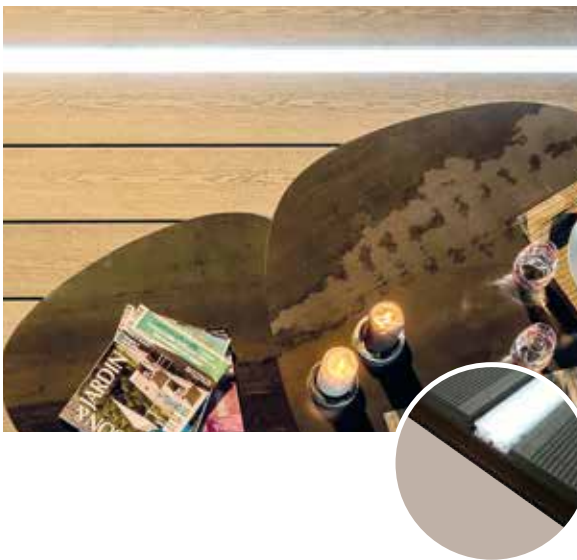
- To adorn the decking
- Brushed on one side and one edge; to be installed with the brushed side visible
- Dimensions in mm: 70 x 20 x 2000
- Available in all Elegance, Emotion and Atmosphere board colours



INVISICLIP

- A very discreet black rubber accessory that conceals the clip
- Dimensions in mm: 10 x 10 x 80.
- Packet of 30 units

> LIGHTING / GROUND LIGHTS



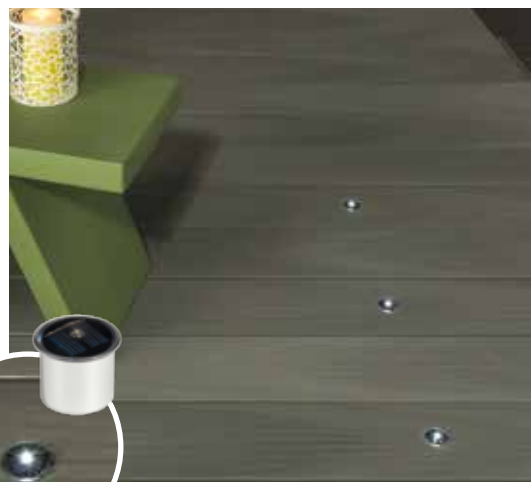
DECKING LED

- This design accessory lights the decking and can be cut to the desired length
- Must be controlled with an LED power supply which can accommodate up to 3 LEDs
- Completely waterproof according to standard IP67 (for the power supply) and IP68 (for the LED strip)
- Can be fixed with the removable clip (to facilitate any LED replacements)
- Dimensions in mm: 50 x 23 x 2000



SOLAR FLOOR LIGHT

- Solar ground lights that create atmosphere, without requiring an outside power connection; they come on automatically at night
- Aluminium accessory
- Waterproof to IP65
- Box of 4 floor lights
- Dimensions: H 35 mm
- Drilling Ø: 35 mm
- Power reserve 8 h



Find all our
maintenance advice on
pages 68-69
of the catalogue!

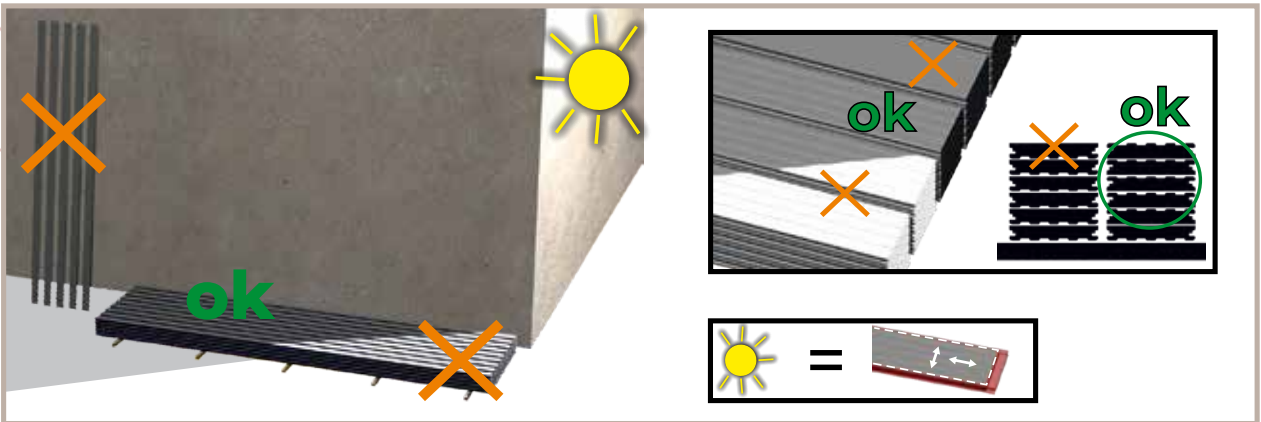
Decking: key stages in installation

 **Estimated installation time once the structure has been built: 4m²/hour with 2 people**

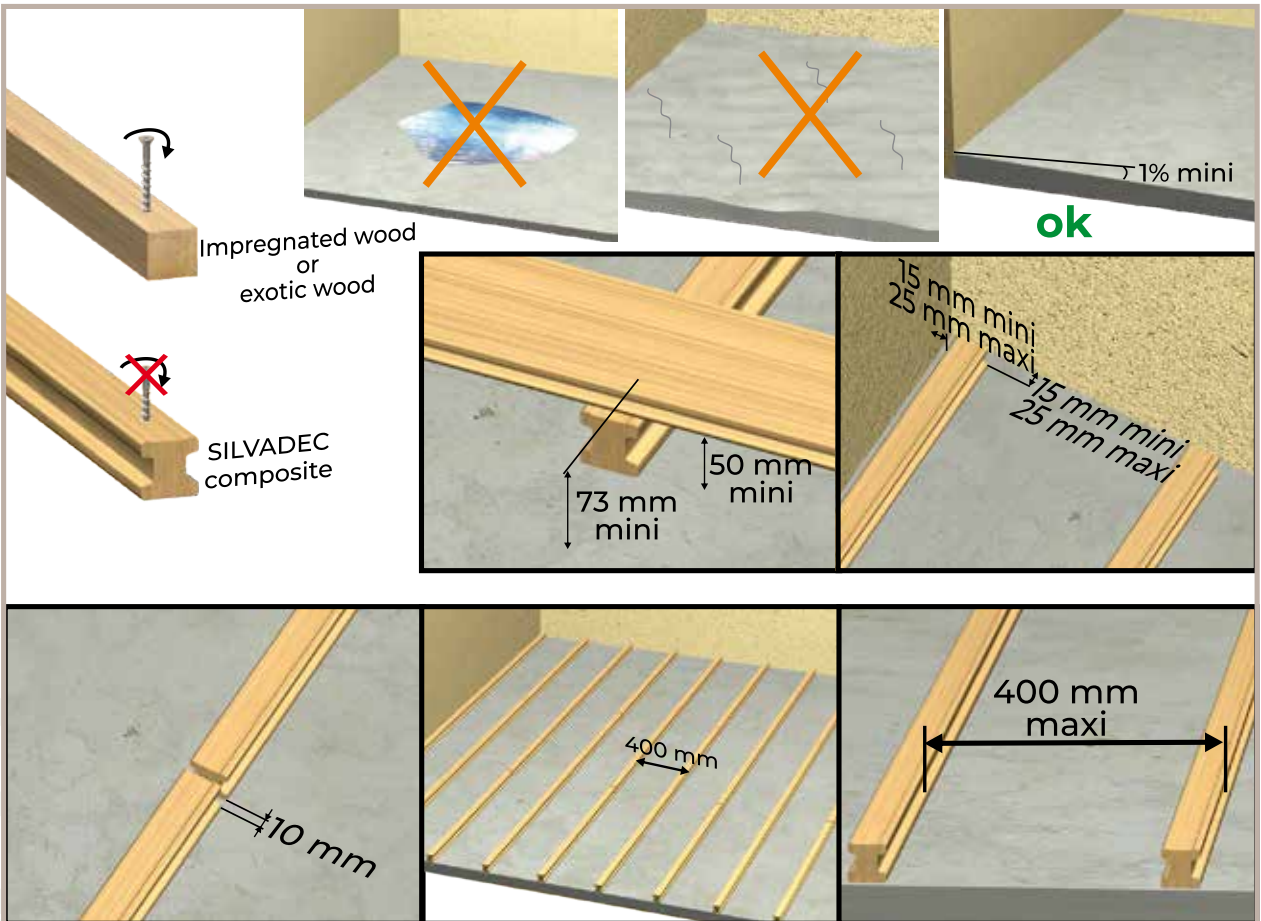


This document is a simplified version of the instructions for installing decking, all parts of which must be strictly followed. The decking installation instructions (ref. PU7) are available for download at www.silvadec.com

Board storage

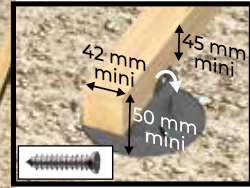
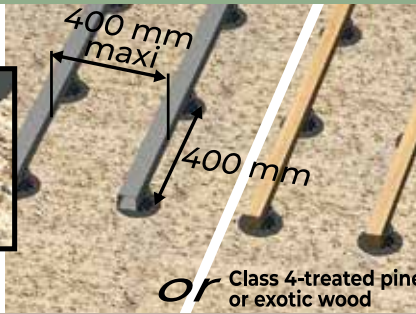
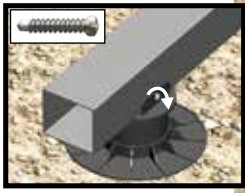


Concrete slab-mounted



Pedestal-mounted

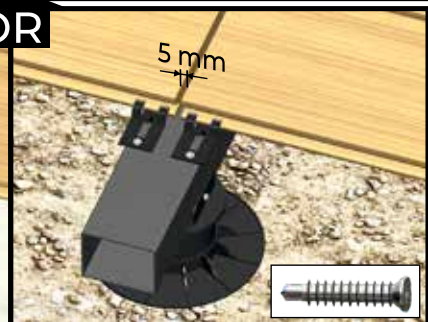
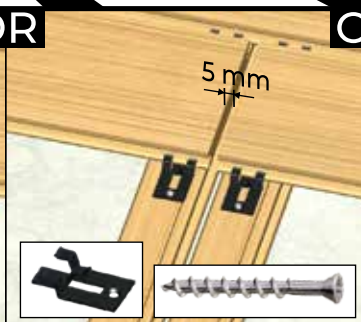
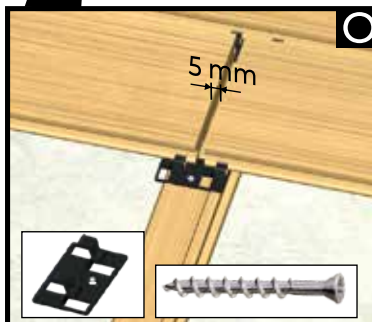
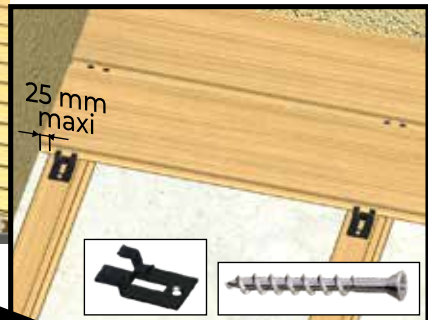
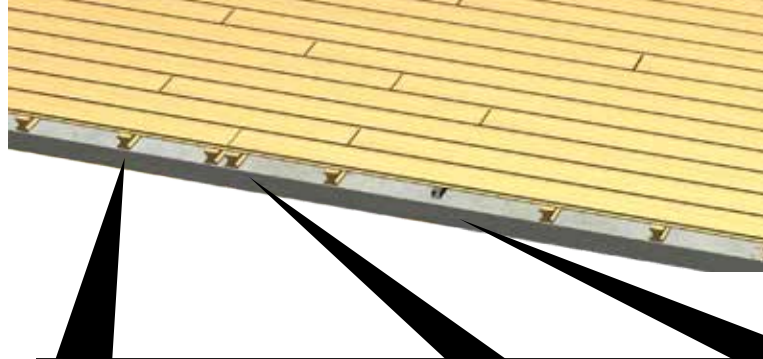
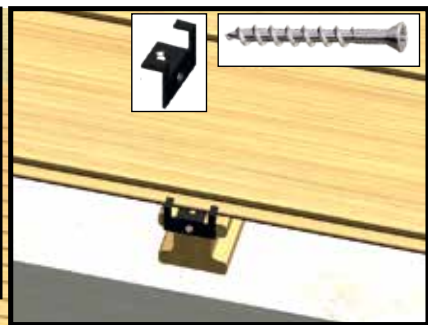
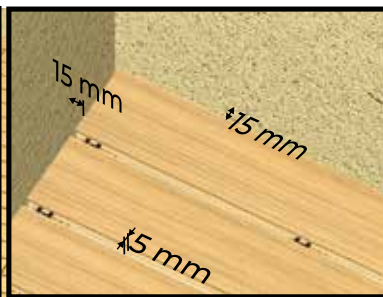
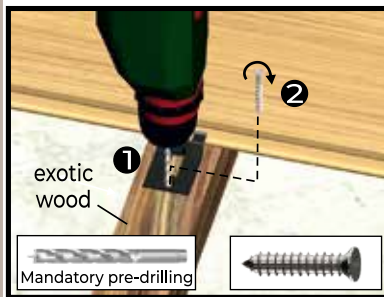
SILVADEC
aluminium



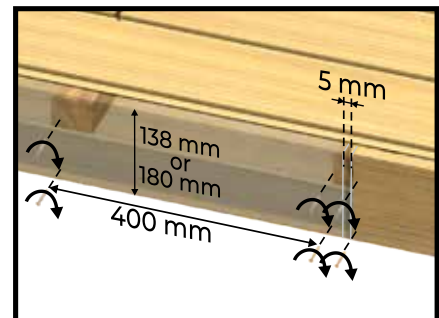
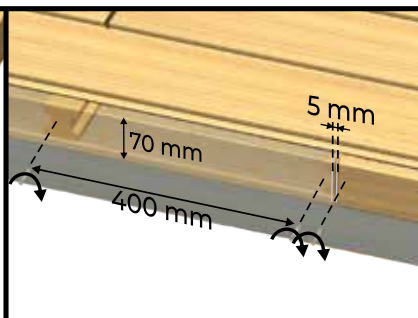
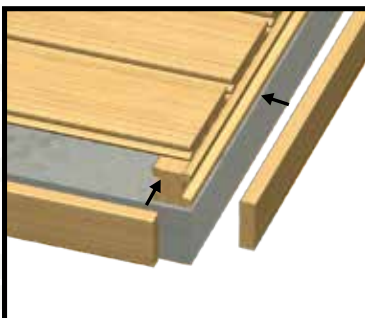
Impregnated
wood
exotic wood

Class 4-treated pine
or exotic wood

Board installation



Finishes



| Item description | Part code | Barcode no. | Wt/unit kg | Lgth mm | Wdth mm | Hght (or thk) mm |
|--|-------------|---------------|------------|---------|---------|------------------|
| DECK BOARDS (standard length) - Minimum order 10 boards | | | | | | |
| Colorado Brown grooved Elegance board 23x138x4000 mm | SILAM0501L4 | 3760102970126 | 14.00 | 4000 | 138 | 23 |
| Exotic Brown grooved Elegance board 23x138x4000 mm | SILAM0503L4 | 3760102970218 | 14.00 | 4000 | 138 | 23 |
| Anthracite Grey grooved Elegance board 23x138x4000 mm | SILAM0903L4 | 3760102970980 | 14.00 | 4000 | 138 | 23 |
| Iroise Grey grooved Elegance board 23x138x4000 mm | SILAM0502L4 | 3760102970201 | 14.00 | 4000 | 138 | 23 |
| Colorado Brown grooved Elegance board 23x180x4000 mm | SILAM1205L4 | 3760102974674 | 17.60 | 4000 | 180 | 23 |
| Exotic Brown grooved Elegance board 23x180x4000 mm | SILAM1206L4 | 3760102974698 | 17.60 | 4000 | 180 | 23 |
| Anthracite Grey grooved Elegance board 23x180x4000 mm | SILAM1208L4 | 3760102974735 | 17.60 | 4000 | 180 | 23 |
| Iroise Grey grooved Elegance board 23x180x4000 mm | SILAM1207L4 | 3760102974711 | 17.60 | 4000 | 180 | 23 |
| Colorado Brown smooth Elegance board 23x138x4000 mm | SILAM0507L4 | 3760102970737 | 14.40 | 4000 | 138 | 23 |
| Exotic Brown smooth Elegance board 23x138x4000 mm | SILAM0509L4 | 3760102970751 | 14.40 | 4000 | 138 | 23 |
| Anthracite Grey smooth Elegance board 23x138x4000 mm | SILAM0904L4 | 3760102971055 | 14.40 | 4000 | 138 | 23 |
| Iroise Grey smooth Elegance board 23x138x4000 mm | SILAM0508L4 | 3760102970744 | 14.40 | 4000 | 138 | 23 |
| Colorado Brown smooth Elegance board 23x180x4000 mm | SILAM1201L4 | 3760102974599 | 18.40 | 4000 | 180 | 23 |
| Exotic Brown smooth Elegance board 23x180x4000 mm | SILAM1202L4 | 3760102974612 | 18.40 | 4000 | 180 | 23 |
| Anthracite Grey smooth Elegance board 23x180x4000 mm | SILAM1204L4 | 3760102974650 | 18.40 | 4000 | 180 | 23 |
| Iroise Grey smooth Elegance board 23x180x4000 mm | SILAM1203L4 | 3760102974636 | 18.40 | 4000 | 180 | 23 |
| Colorado Brown embossed Elegance board 23x138x4000 mm | SILAM1001L4 | 3760102972854 | 14.40 | 4000 | 138 | 23 |
| Exotic Brown embossed Elegance board 23x138x4000 mm | SILAM1002L4 | 3760102972113 | 14.40 | 4000 | 138 | 23 |
| Anthracite Grey embossed Elegance board 23x138x4000 mm | SILAM1004L4 | 3760102972137 | 14.40 | 4000 | 138 | 23 |
| Iroise Grey embossed Elegance board 23x138x4000 mm | SILAM1003L4 | 3760102972120 | 14.40 | 4000 | 138 | 23 |
| Colorado Brown embossed Elegance board 23x180x4000 mm | SILAM1313L4 | 3760102975442 | 18.40 | 4000 | 180 | 23 |
| Exotic Brown embossed Elegance board 23x180x4000 mm | SILAM1314L4 | 3760102975466 | 18.40 | 4000 | 180 | 23 |
| Anthracite Grey embossed Elegance board 23x180x4000 mm | SILAM1316L4 | 3760102975503 | 18.40 | 4000 | 180 | 23 |
| Iroise Grey embossed Elegance board 23x180x4000 mm | SILAM1315L4 | 3760102975480 | 18.40 | 4000 | 180 | 23 |
| Equator Brown smooth Emotion board 23x138x4000 mm | SILAM0902L4 | 3760102971000 | 14.40 | 4000 | 138 | 23 |
| Savanna Brown smooth Emotion board 23x138x4000 mm | SILAM0901L4 | 3760102970997 | 14.40 | 4000 | 138 | 23 |
| Taiga Grey smooth Emotion board 23x138x4000 mm | SILAM1906L4 | 3701347200401 | 14.40 | 4000 | 138 | 23 |
| Lima Brown brushed Atmosphere board 23x138x4000 mm | SILAM1607L4 | 3760102978252 | 12.80 | 4000 | 138 | 23 |
| Rio Brown brushed Atmosphere board 23x138x4000 mm | SILAM1812L4 | 3760102970799 | 12.80 | 4000 | 138 | 23 |
| Sao Paulo Brown brushed Atmosphere board 23x138x4000 mm | SILAM1602L4 | 3760102977880 | 12.80 | 4000 | 138 | 23 |
| Belem Grey brushed Atmosphere board 23x138x4000 mm | SILAM1601L4 | 3760102977866 | 12.80 | 4000 | 138 | 23 |
| Cayenne Grey brushed Atmosphere board 23x138x4000 mm | SILAM1603L4 | 3760102977927 | 12.80 | 4000 | 138 | 23 |
| Ushuaia Grey brushed Atmosphere board 23x138x4000 mm | SILAM1609L4 | 3760102978290 | 12.80 | 4000 | 138 | 23 |
| Lima Brown brushed Atmosphere board 23x180x4000 mm | SILAM1808L4 | 3760102978276 | 17.00 | 4000 | 180 | 23 |
| Rio Brown brushed Atmosphere board 23x180x4000 mm | SILAM1811L4 | 3760102970768 | 17.00 | 4000 | 180 | 23 |
| Sao Paulo Brown brushed Atmosphere board 23x180x4000 mm | SILAM1809L4 | 3760102978214 | 17.00 | 4000 | 180 | 23 |
| Belem Grey brushed Atmosphere board 23x180x4000 mm | SILAM1807L4 | 3760102978177 | 17.00 | 4000 | 180 | 23 |
| Cayenne Grey brushed Atmosphere board 23x180x4000 mm | SILAM1810L4 | 3760102978238 | 17.00 | 4000 | 180 | 23 |
| Ushuaia Grey brushed Atmosphere board 23x180x4000 mm | SILAM1610L4 | 3760102978313 | 17.00 | 4000 | 180 | 23 |

DECKING ACCESSORIES - Minimum order: 1 item

| | | | | | | |
|---|-----------|---------------|------|------|----|----|
| Colorado Brown Elegance fascia 70x20x2000 mm | SIJUP0301 | 3760102973141 | 3.40 | 2000 | 70 | 20 |
| Exotic Brown Elegance fascia 70x20x2000 mm | SIJUP0401 | 3760102973158 | 3.40 | 2000 | 70 | 20 |
| Anthracite Grey Elegance fascia 70x20x2000 mm | SIJUP0901 | 3760102973172 | 3.40 | 2000 | 70 | 20 |
| Iroise Grey Elegance fascia 70x20x2000 mm | SIJUP0302 | 3760102973165 | 3.40 | 2000 | 70 | 20 |
| Equator Brown Emotion fascia 70x20x2000 mm | SIJUP1002 | 3760102972984 | 3.40 | 2000 | 70 | 20 |
| Savanna Brown Emotion fascia 70x20x2000 mm | SIJUP1001 | 3760102972977 | 3.40 | 2000 | 70 | 20 |
| Taiga Grey Emotion fascia 70x20x2000 mm | SIJUP1901 | 3701347200425 | 3.40 | 2000 | 70 | 20 |

| Item description | Part code | Barcode no. | Wt/unit kg | Lgth mm | Wdth mm | Hght (or thk) mm |
|---|-------------|---------------|------------|---------|---------|------------------|
| Lima Brown brushed Atmosphere fascia 70x20x2000 mm | SIJUP1605 | 3760102978337 | 3.40 | 2000 | 70 | 20 |
| Rio Brown brushed Atmosphere fascia 70x20x2000 mm | SIJUP1801 | 3760102970805 | 3.40 | 2000 | 70 | 20 |
| Sao Paulo Brown brushed Atmosphere fascia 70x20x2000 mm | SIJUP1601 | 3760102977903 | 3.40 | 2000 | 70 | 20 |
| Belem Grey brushed Atmosphere fascia 70x20x2000 mm | SIJUP1604 | 3760102978320 | 3.40 | 2000 | 70 | 20 |
| Cayenne Grey brushed Atmosphere fascia 70x20x2000 mm | SIJUP1602 | 3760102977934 | 3.40 | 2000 | 70 | 20 |
| Ushuaia Grey brushed Atmosphere fascia 70x20x2000 mm | SIJUP1603 | 3760102978122 | 3.40 | 2000 | 70 | 20 |
| Brown joist 50x50x3000 mm | SILAMB0601 | 3760102970195 | 6.90 | 3000 | 50 | 50 |
| Brown joist 50x50x4000 mm | SILAMB1001 | 3760102973189 | 9.20 | 4000 | 50 | 50 |
| Anthracite Grey joist 50x50x4000 mm | SILAMB1102 | 3760102973295 | 9.20 | 4000 | 50 | 50 |
| Aluminium joist 47x76x4000 mm + 30 self-tapping stainless steel screws | SILAMB1901 | 3701347200333 | 4.90 | 4000 | 76 | 47 |
| Colorado Brown smooth Elegance finishing board 23x138x4000 mm | SIPLCH0906 | 3760102971932 | 14.00 | 4000 | 138 | 23 |
| Exotic Brown smooth Elegance finishing board 23x138x4000 mm | SIPLCH0908 | 3760102973196 | 14.00 | 4000 | 138 | 23 |
| Anthracite Grey smooth Elegance finishing board 23x138x4000 mm | SIPLCH0910 | 3760102973202 | 14.00 | 4000 | 138 | 23 |
| Iroise Grey smooth Elegance finishing board 23x138x4000 mm | SIPLCH0907 | 3760102971949 | 14.00 | 4000 | 138 | 23 |
| Colorado Brown smooth Elegance finishing board 23x180x4000 mm | SIPLCH1302 | 3760102975404 | 18.40 | 4000 | 180 | 23 |
| Exotic Brown smooth Elegance finishing board 23x180x4000 mm | SIPLCH1301 | 3760102975398 | 18.40 | 4000 | 180 | 23 |
| Anthracite Grey smooth Elegance finishing board 23x180x4000 mm | SIPLCH1304 | 3760102975428 | 18.40 | 4000 | 180 | 23 |
| Iroise Grey smooth Elegance finishing board 23x180x4000 mm | SIPLCH1303 | 3760102975411 | 18.40 | 4000 | 180 | 23 |
| Lima Brown brushed Atmosphere finishing board 23x138x4000 mm | SIPLCH1602 | 3760102978757 | 13.20 | 4000 | 138 | 23 |
| Rio Brown brushed Atmosphere finishing board 23x138x4000 mm | SIPLCH1801 | 3760102970812 | 13.20 | 4000 | 138 | 23 |
| Belem Grey brushed Atmosphere finishing board 23x138x4000 mm | SIPLCH1603 | 3760102978764 | 13.20 | 4000 | 138 | 23 |
| Cayenne Grey brushed Atmosphere finishing board 23x138x4000 mm | SIPLCH1604 | 3760102978771 | 13.20 | 4000 | 138 | 23 |
| Ushuaia Grey brushed Atmosphere finishing board 23x138x4000 mm | SIPLCH1605 | 3760102978788 | 13.20 | 4000 | 138 | 23 |
| Sao Paulo Brown brushed Atmosphere finishing board 23x138x4000 mm | SIPLCH1601 | 3760102978740 | 13.20 | 4000 | 138 | 23 |
| Lima Brown brushed Atmosphere finishing board 23x180x4000 mm | SIPLCH1806 | 3760102970867 | 17.20 | 4000 | 180 | 23 |
| Rio Brown brushed Atmosphere finishing board 23x180x4000 mm | SIPLCH1807 | 3760102970874 | 17.20 | 4000 | 180 | 23 |
| Belem Grey brushed Atmosphere finishing board 23x180x4000 mm | SIPLCH1803 | 3760102970836 | 17.20 | 4000 | 180 | 23 |
| Cayenne Grey brushed Atmosphere finishing board 23x180x4000 mm | SIPLCH1804 | 3760102970843 | 17.20 | 4000 | 180 | 23 |
| Ushuaia Grey brushed Atmosphere finishing board 23x180x4000 mm | SIPLCH1802 | 3760102970829 | 17.20 | 4000 | 180 | 23 |
| Sao Paulo Brown brushed Atmosphere finishing board 23x180x4000 mm | SIPLCH1805 | 3760102970850 | 17.20 | 4000 | 180 | 23 |
| LED power supply | SILED1501 | 3760102977606 | 0.55 | | | |
| White decking LED, 23x50x2000 mm without power supply | SILEDT1501 | 3760102977613 | 3.50 | 2000 | 50 | 23 |
| Box of 4 solar floor lights, dia. 34 mm | SILED1801 | 3760102972151 | 0.20 | | | |
| Natural anodised aluminium corner profile 37x74x2000 mm | SICOALU1101 | 3760102972755 | 1.11 | 2000 | 74 | 37 |
| Non-slip insert, aluminium | SIANTI1301 | 3760102975381 | 2.10 | 2000 | 45 | 24 |
| Light Brown stainless steel screws, 5x50 mm - Blister of 50 | SIVIS1702 | 3760102978962 | 0.20 | 118 | 68 | 30 |
| Dark Brown stainless steel screws, 5x50 mm - Blister of 50 | SIVIS1701 | 3760102978955 | 0.20 | 118 | 68 | 30 |
| Dark Grey stainless steel screws, 5x50 mm - Blister of 50 | SIVIS1703 | 3760102978979 | 0.20 | 118 | 68 | 30 |
| Light Grey stainless steel screws, 5x50 mm - Blister of 50 | SIVIS1704 | 3760102978986 | 0.20 | 118 | 68 | 30 |
| Light Brown stainless steel screws, 5x50 mm - Blister of 150 | SIVIS1502 | 3760102977415 | 0.63 | 245 | 75 | 35 |
| Dark Brown stainless steel screws, 5x50 mm - Blister of 150 | SIVIS1501 | 3760102977408 | 0.63 | 245 | 75 | 35 |
| Dark Grey stainless steel screws, 5x50 mm - Blister of 150 | SIVIS1504 | 3760102977439 | 0.63 | 245 | 75 | 35 |
| Light Grey stainless steel screws, 5x50 mm - Blister of 150 | SIVIS1503 | 3760102977422 | 0.63 | 245 | 75 | 35 |
| Stainless steel butting clips - Packet of 10 | SICLIP0502 | 3760102970157 | 0.30 | | | |
| Stainless steel start and end clips - Packet of 10 | SICLIP0601 | 3760102970171 | 0.13 | | | |
| Black aluminium removable clips + stainless steel screws - Packet of 10 | SICLIP1601 | 3760102978139 | 0.08 | | | |
| Single fastening clips - Box of 360 without screws | SICLIP1901 | 3701347200005 | 6.00 | | | |
| Single fastening clips and stainless steel screws - Box of 360 | SICLIP0801 | 3760102971710 | 6.60 | | | |
| Single fastening clips and stainless steel screws - Packet of 30 | SICLIP0501 | 3760102970058 | 0.54 | | | |
| Black Invisiclip 10x10x80 mm, Packet of 30 | SICLIP1902 | 3701347200494 | 0.10 | | | |

Draw up a decking estimate



Log on to www.silvadec.com!

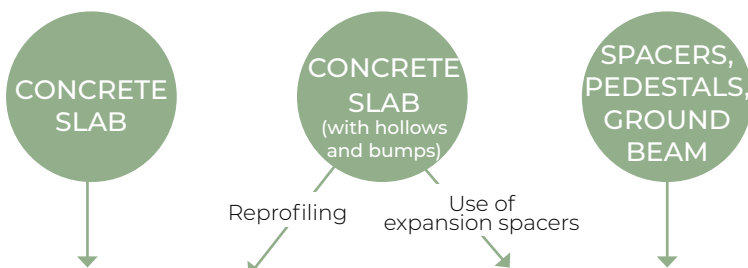
To make things easier, we've provided a user-friendly online tool to run the combination calculations, so your project estimate is just a few clicks away!

KEY STAGES FOR ESTIMATING ALL THE COMPONENTS NEEDED TO BUILD YOUR DECKING

STEP 1

SELECTING JOISTS

The choice of joists depends on which type of substrate is used.



Joists made of SILVADEC® composite or solid wood

You can only choose Silvadec® composite joists if installing onto a concrete slab. The joists are simply laid on the support. They are not to be fixed to the substrate (floating installation). The finished decking surface will be 7.3 cm above the slab. If the decking has to be higher, use expansion spacers and solid wood joists, which will be fixed to the substrate.

Joists made of Silvadec® aluminium or wood (class 4 or exotic wood)

Solid wood joists must be fixed to the substrate.

STEP 2

SELECTING BOARDS

You can choose the colour and finish of the deck boards from our wide range of Elegance, Emotion and Atmosphere composite boards.

STEP 3

CHOOSE THE DECKING FINISH

You can finish off your decking by hiding the joists and the ends of the boards with fascia boards, finishing boards or aluminium corner profiles. Like the deck boards, the fascia boards and the finishing boards are brushed on one side and also on one edge (installed so that the brushed side is visible). Use special composite screws to fasten them.



For 1 m² of 138 mm-wide deck boards, use:

- 7 linear metres of boards
- 3 linear metres of joists
- 18 single fastening clips



For 1 m² of 180 mm-wide deck boards, use:

- 5.4 linear metres of boards
- 3 linear metres of joists
- 14 single fastening clips

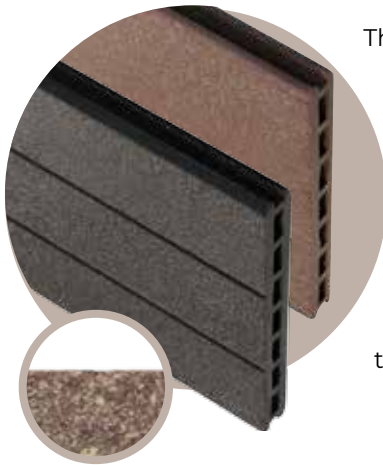
Our fences





Elegance fencing board: adopt authenticity

Our **Elegance fencing board** gives a decorative charm to outdoor spaces, for a **natural and modern** garden. With its hollow core form, it is light and easy to handle.



The Elegance fencing board is compatible with the full range of design panels and accessories made of powder-coated, Qualicoat®-certified aluminium.

This means you can create original, functional Elegance fencing to suit any project you have in mind; choose the height, width, fixing method, etc.

Our fences can suit any type of ground and withstand strong winds. Our fencing is guaranteed to resist winds of up to 100 km/h. It can have an installation height of up to 1.80 m.

+ Points

Rot-resistant
Does not fade to grey like solid wood
It requires no treatment, only regular cleaning
Guaranteed for 25 years*

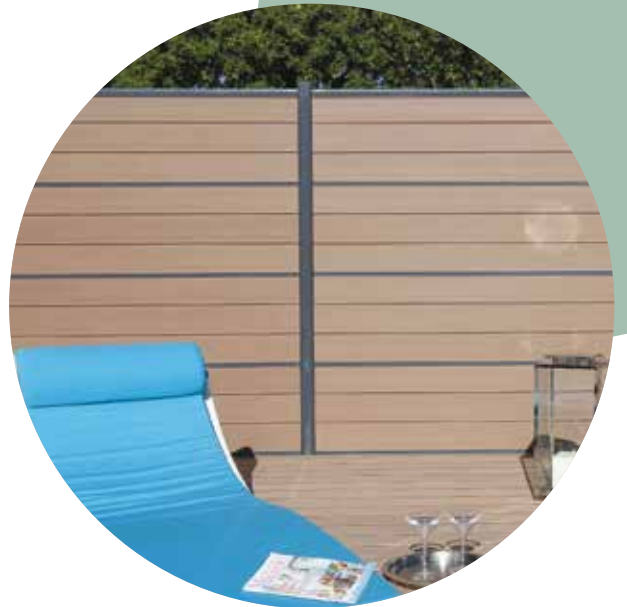
TECHNICAL CHARACTERISTICS

- Dimensions in mm: 21 x 150 x 1783
Tolerances:
width and thickness: +/-2 mm
length: +/-5 mm.
- Stacked working dimensions in mm:
21 x 146 x 1783

* Terms of the warranty can be downloaded from www.silvade.com



A bronzing phenomenon, entirely natural and temporary, will cause the boards to turn yellow when first exposed to UV rays. After a few weeks outdoors exposed to UV and rain, they will revert to their original colour!
(see p. 68)



Elegance fencing temporarily bronzes at the start of use, and **needs regular cleaning**.

Colours and finishes available

| | Exotic Brown | Anthracite Grey |
|--------------------------|--------------|-----------------|
| Grooved finish on 1 side | | |
| Smooth finish on 1 side | | |

USES

N.B.:
This board is not suitable for use on a dwarf wall. If installing on a dwarf wall, choose the Atmosphere fencing board.





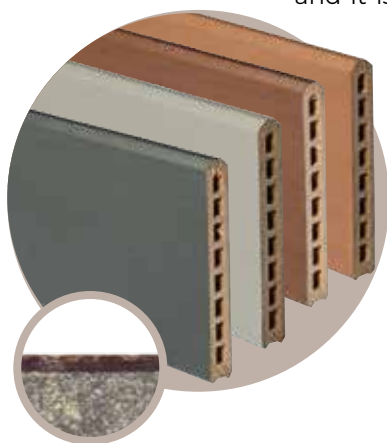
Atmosphere fencing board: say yes to technical innovation!

Our Atmosphere fencing board is characterised by a protective envelope of polymer material which gives it exceptional qualities in terms of usage and comfort.

It is several times more resistant to UV rays and stains. Its colour stays intense and it is cleaned with a simple wipe of a sponge! Customise your Atmosphere fence with the range of design panels and accessories made of powder-coated, Qualicoat®-certified aluminium.

The Atmosphere board is hollow core, suitable for vertical use in a fence.

Our fences can suit any type of ground and withstand strong winds. Our fencing is guaranteed to resist winds of up to 100 km/h. It can have an installation height of up to 1.80 m.



+ Points

A permanent colour,
resistant to shade
variations
No temporary bronzing
Stain resistant
Easy maintenance
Guaranteed
for 25 years*

TECHNICAL CHARACTERISTICS

- Dimensions in mm: 21 x 150 x 1783
Tolerances:
width and thickness: +/- 2 mm
length: +/- 5 mm.
- Stacked working dimensions in mm:
21 x 146 x 1783

** Terms of the warranty can be downloaded
from www.silvadec.com*



Colours available

Light
Brown

Dark
Brown

Anthracite
Grey

Light
Grey



1 side smooth finish, 1 side embossed finish

USES

Can be
installed on
a dwarf wall





Aluminium fencing board: choose modern and modular for your fence



Our fencing board made of powder-coated, Qualicoat®-certified aluminium, guaranteed for 10 years, is a long-lasting structural element. It offers many configuration options so you can give creativity a free hand!

This modularity enables it to be tailored to the estate regulations, which may require openwork fences. Our aluminium panels can be built into a Silvadec® composite fence.

The panels can be installed in solid or openworked fashion, the latter by using dividers. The dividers have a height of 15 mm, and you can stack them as you wish, thereby creating your own custom fence.



TECHNICAL CHARACTERISTICS

- Dimensions in mm: 21 x148 x1797
Stacked working dimensions in mm: 21 x146 x 1797
- Dividers supplied separately
- Possible height: up to 1.80 m

+ Points

Compatible with
all Silvadec® accessories
and design panels
"Solid" or openworked
installation
Easy maintenance
Recyclable
Guaranteed
for 10 years*

Colours and finishes available

Anthracite Grey (RAL 7016 matt) Metal Grey (RAL 7042 matt) White (RAL 9016 matt)

Sanded
finish



NEW



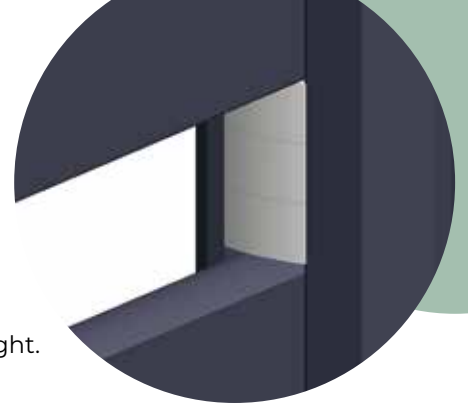
NEW



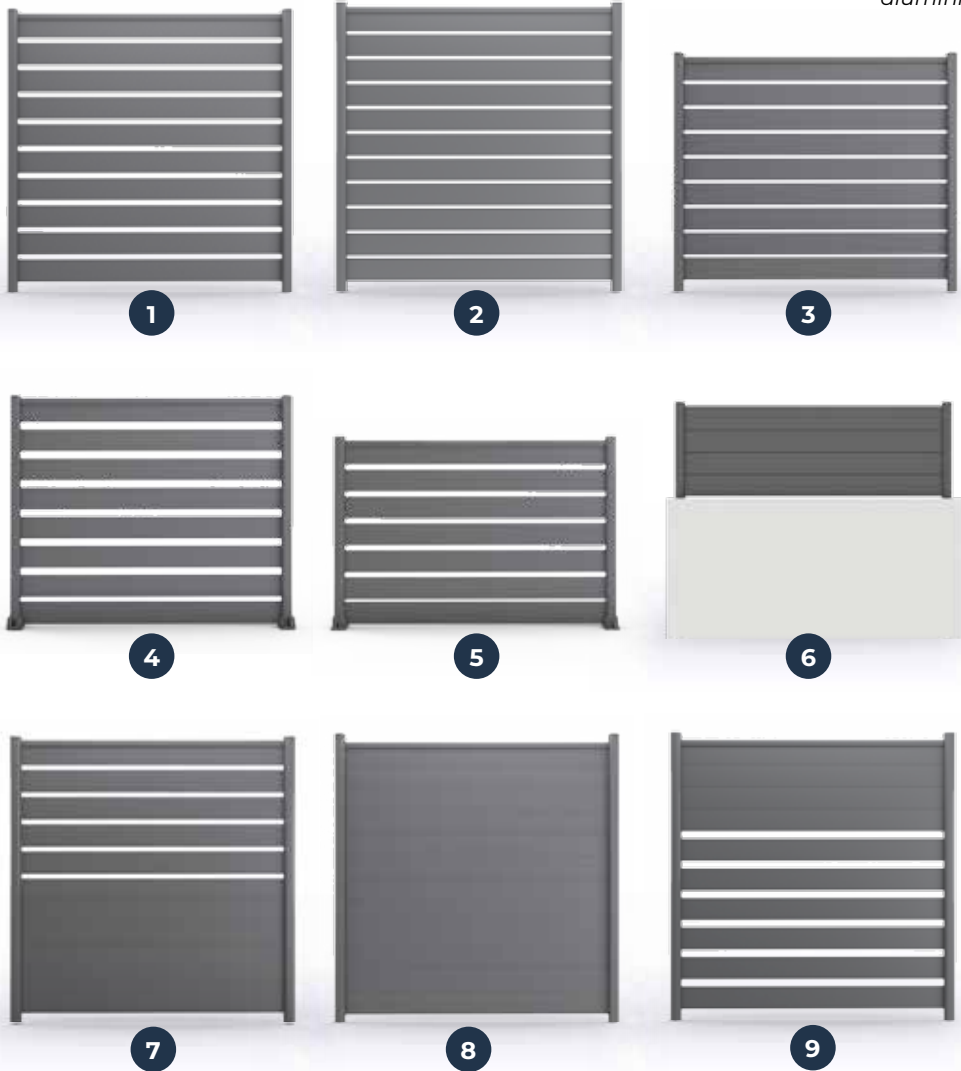
* Terms of the warranty can be downloaded from www.silvadec.com

Make up your own fencing

Aluminium fencing boards and the optional 15 mm dividers can be used to form several types of panels up to 1.80 m in height.



*Presentation example:
3 x 15 mm powder-coated
aluminium dividers*



| | Height (m) | Fixture | Gap (mm) | No. of aluminium boards | No. of dividers |
|---|------------|--------------|----------|-------------------------|-----------------|
| 1 | 1.80 | Embedded | 30 | 10 | 40 |
| 2 | 1.80 | Embedded | 15 | 11 | 20 |
| 3 | 1.50 | Embedded | 15 | 9 | 20 |
| 4 | 1.50 | Post support | 45 | 8 | 40 |
| 5 | 1.20 | Post support | 30 | 7 | 22 |
| 6 | 0.60 | Embedded | 0 | 4 | 0 |
| 7 | 1.80 | Embedded | 30 | 11 | 22 |
| 8 | 1.80 | Embedded | 0 | 12 | 0 |
| 9 | 1.80 | Embedded | 45 | 10 | 38 |



New products 2021:
All design panels are also available in white.

Our fencing design panels: expand the possibilities

With the Silvadec® design panels, you'll discover real **made-to-measure** solutions to meet your landscaping needs, for a modern fence and customised garden!

Our aluminium design panels can be inserted at any height on the fence, slotting easily between two composite fencing boards. One aluminium design panel is the same height as 2 composite boards.

> THE AMBIANCE OF PLANTS



PLANT MOTIF DESIGN PANEL IN ALUMINIUM

Fine, tapered grass styling in this lightly openworked design panel brings a touch of freshness, privacy and well-being to the heart of the garden.

· Dimensions in mm: 321 x 1783

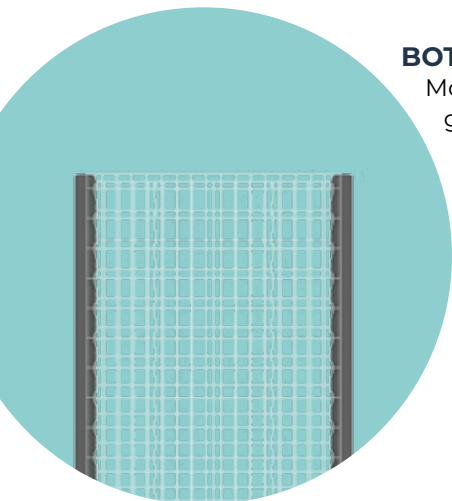
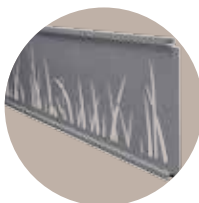
Colours and finishes available

Anthracite Grey
(RAL 7016 matt)

Metal Grey
(RAL 7042 matt)

White
(RAL 9016 matt)

Sanded finish



BOTANICAL PANEL

Modular, pleasant and customisable, our galvanised steel trellis offers multiple possibilities to **bring greenery into a fence!** This unique decorative panel fits perfectly into the environment of your garden, on Silvadec posts®.

· Dimensions in mm: 800 x 1800

· Supplied as a single unit, without plants. Select your plants based on their colour, density and flowering, and on the fence exposure, weather conditions, etc.! We recommend that you choose evergreen or deciduous climbing plants, vines and twining plants (e.g. Asarina, Clematis, Winter Jasmine, Honeysuckle or Climbing rose, etc.).



> MINERAL ATMOSPHERE

MINERAL MOTIF DESIGN PANEL IN ALUMINIUM

Our openwork design panel allows light to shine through, while its rounded shapes will bring harmony to your outside space.

- Dimensions in mm: 321 x 1783

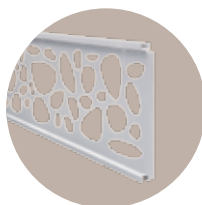
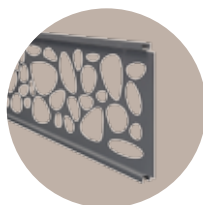
Colours and finishes available

Anthracite Grey
(RAL 7016 matt)

Metal Grey
(RAL 7042 matt)

White
(RAL 9016 matt)

Sanded
finish



THE MINERAL GABION PANEL

Decidedly modern, our Gabion design panel fits harmoniously into the fencing. It can be filled with gravel of whatever colour you choose.

- Double-skin galvanised steel grille with 4 reinforcing struts between the two walls for the full height of the panel
- The panel is inserted between two Silvadec® posts, and the top rail and connectors are added for the installation
 - Supplied as a single unit, without filling
 - Top rail and connectors sold separately
 - 125 to 150 kg of gravel are needed to fill a panel to the top. Recommended gravel grade: 15 x 25 mm
 - Dimensions in mm: 800 x 1800
 - Wire Ø 4 mm (vertical) and Ø 2 mm (horizontal)
 - Mesh: 12 x 100 mm



> CONTEMPORARY STYLE

URBAN MOTIF DESIGN PANEL IN ALUMINIUM

Combining elegantly with our composite boards, this design panel offers a modern and refined style suitable for all outdoor environments.

· Dimensions in mm: 321 x 1783



Dark Brown Atmosphere fencing board, with Anthracite Grey design panel and accessories

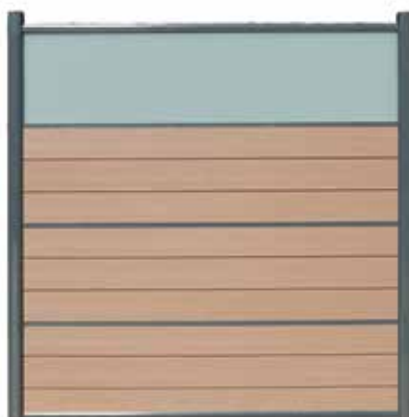
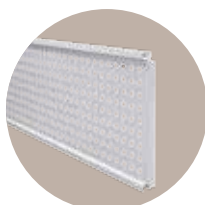
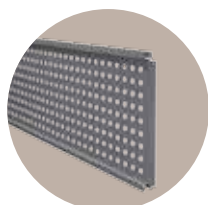
Colours and finishes available

Anthracite Grey
(RAL 7016 matt)

Metal Grey
(RAL 7042 matt)

White
(RAL 9016 matt)

Sanded finish



Atmosphere fencing board, Light Brown Glass design panel with Anthracite Grey accessories

GLASS DESIGN PANEL

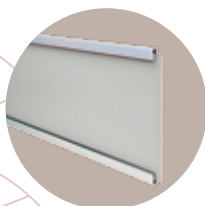
- **Frosted glass version:** Being slightly opaque, this on-trend design panel allows light to shine through while also serving as a screen to ensure total privacy.
- **Transparent glass version:** entirely transparent, this design panel serves as a windbreak and provides your fencing with a bright and refined touch.

- Dimensions in mm: 432 x 1783
- Framing rails made of primary aluminium

Finishes available

Frosted

Transparent



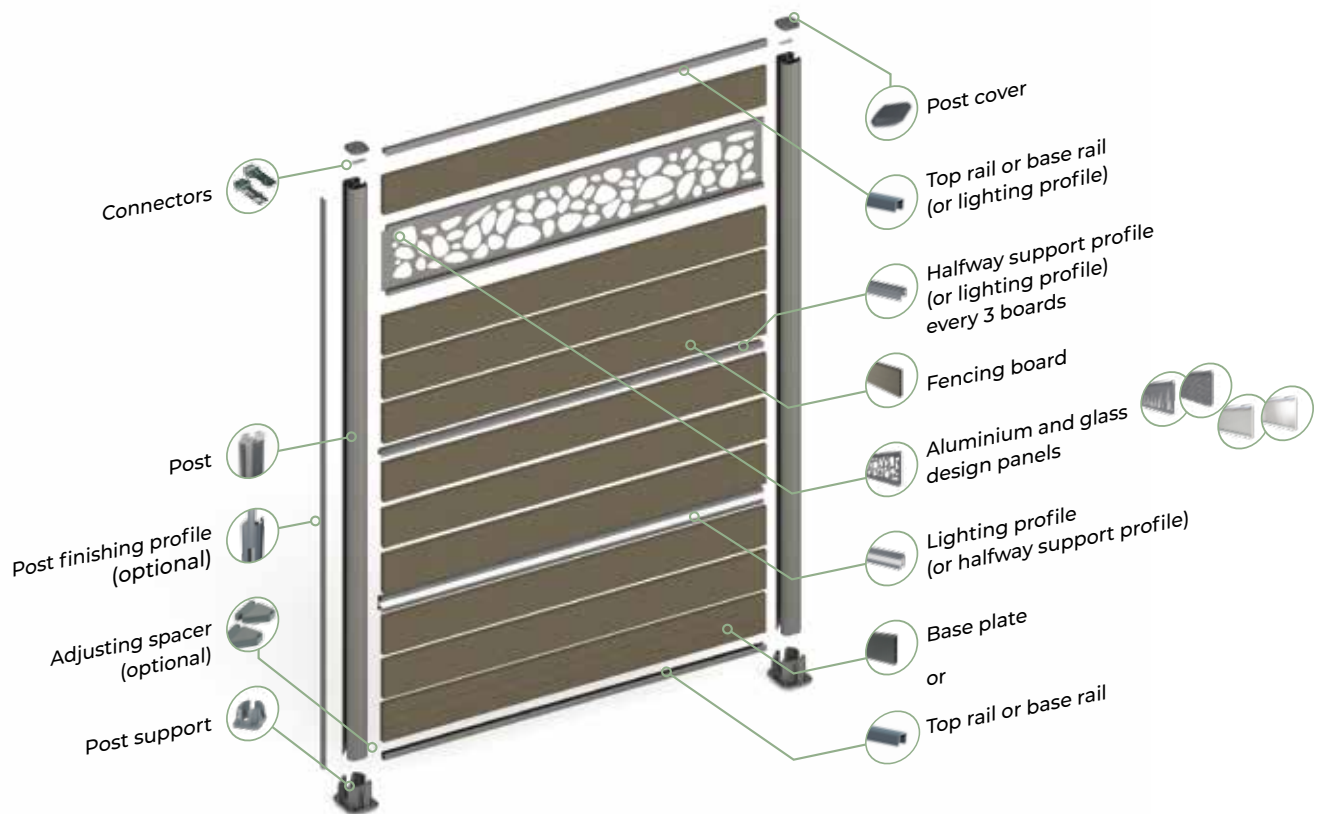
One glass design panel replaces 3 stacked fencing boards. It can be inserted at any height on the fencing, and is framed by two rails.

Accessories to create your fencing

Silvadec offers a wide range of fencing accessories. Sanded aluminium accessories are powder-coated and **Qualicoat®-certified**.

+ Points

Sanded finish aluminium:
greater resistance
to impacts and
scratches



Colours and finishes available

Anthracite Grey (RAL 7016 matt) Metal Grey (RAL 7042 matt) White (RAL 9016 matt)

Sanded finish



The fence withstands wind speeds of 100 km/h. It can have an installation height of up to 1.80 m.

> ALUMINIUM ACCESSORIES

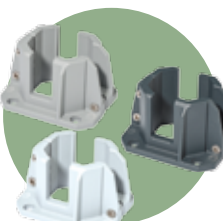
The range of powder-coated, Qualicoat®-certified aluminium accessories, with sanded matt finish and an innovative and unique design, offers you myriad options for customising a fence.



3-IN-1 HIGH-WIND POST

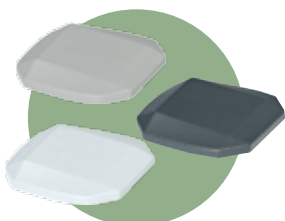
- It is positioned at the start, middle and end of the fence
- Can be cut to a maximum of 1845 mm for installation on a post support
- The removable tab converts it into a corner post or enables installation of a fence post LED
- Dimensions in mm: 70 x 64 x 1260 and 70 x 64 x 2315

Produced in Anthracite Grey sanded, length 2800 mm, to be put in the ground (embedding depth 1 m) - consult us for more info.



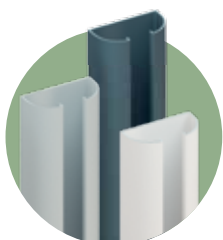
DOUBLE-SHELL POST SUPPORT

- Dedicated post support for 3-in-1 high-wind post, for improved post hold
- Dimensions in mm: 108 x 133 x 83
- For a max. height of 1845 mm



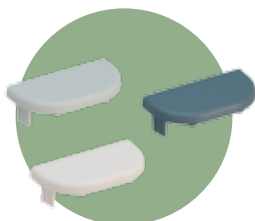
POST COVER

- Dimensions in mm: 65 x 70



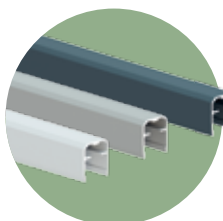
WALL START SEMI-POST

- This half-moon post is used for starting the fence against a wall, guaranteeing an elegant finish.
- Start post dimensions in mm: 70 x 35 x 1845



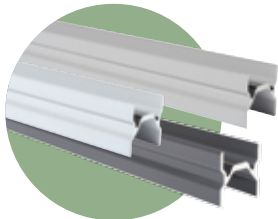
WALL START SEMI-POST COVER

- Dimensions in mm: 70 x 35



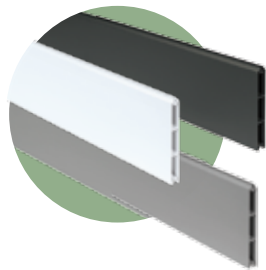
TOP RAIL OR BASE RAIL

- Each panel must have two rails mounted horizontally, one at the top and one at the bottom of the fencing
- Dimensions in mm: 26 x 30 x 1736



HALFWAY SUPPORT PROFILE

- At least one halfway support profile must be inserted every three boards.
- Dimensions in mm: 23.3 x 24 x 1736



BASE PLATE

- Attractive, lightweight and easy to install, it simplifies any installation on sloping ground and immediately creates a flat surface for installing the fencing. Replaces a base rail and prevents the first board from coming into contact with the ground.
- Matches the posts
- Ultra lightweight compared to its concrete equivalent
- Dimensions in mm: 21 x 153 x 1798

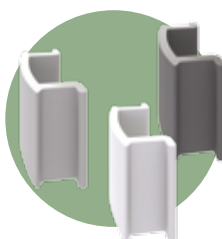


Compatible with the aluminium fencing board as long as a halfway support profile is inserted



POST FINISHING PROFILE

- To give the fence an elegant finish
- Dimensions in mm: 27 x 9.5 x 1815



DIVIDERS

- For openworking aluminium fence boards; not compatible with the Silvadec® composite boards
- Dimensions in mm: 15
- Packet of 22 dividers

Colours and finishes available

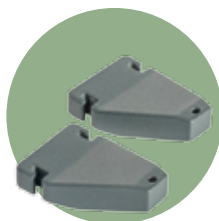
Anthracite Grey
(RAL 7016 matt)

Metal Grey
(RAL 7042 matt)

White
(RAL 9016 matt)

Sanded finish



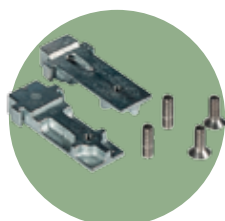


ADJUSTING SPACER

- In zamac
- Used to raise the boards and adjust their level on an uneven surface
- Dimensions in mm: 30 x 45 x 15



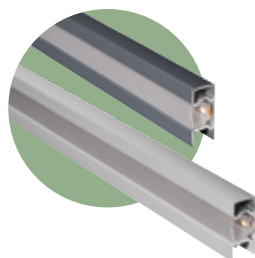
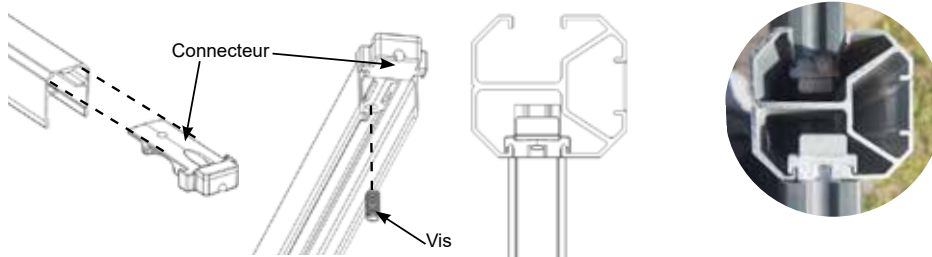
Insert the adjusting spacer into the slot in the post, then slide it along the post to the desired height, pressing on the post's flat interior surface. The adjusting spacer will be locked with the weight of the boards.



CONNECTORS FOR TOP RAIL

AND LIGHTING PROFILE

- The connectors ensure vertical positioning of the post and the centre-to-centre distances
- Simplified installation
- Set screws are used to secure the top rail, and countersunk screws secure the lighting profile.



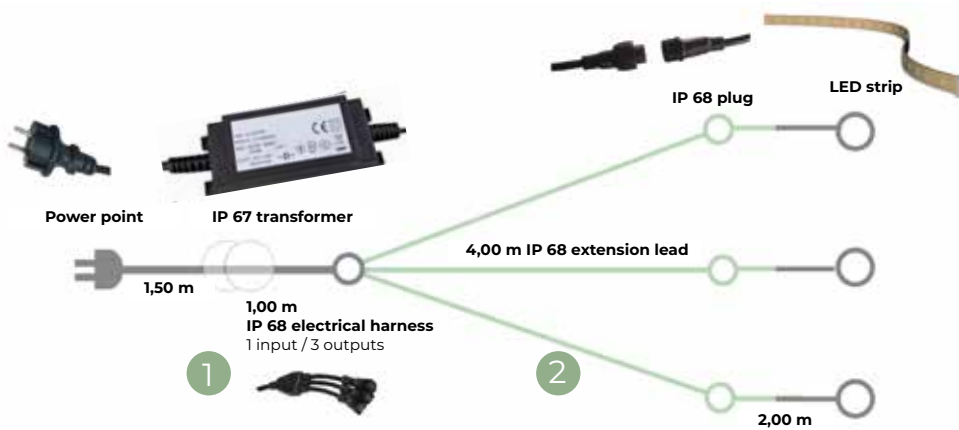
LIGHTING PROFILE

- Inserted between the fencing boards. It replaces a base rail, halfway support profile or top rail to give Silvadec® fencing an original finish.
 - Can be adapted to any fence configuration, due to its adjustable length
 - It is very easy to install, and is completely waterproof to standard IP67 (for the power supply) and IP68 (for the LED strip)
 - Order with an LED power supply, to which up to 3 LEDs can be connected
 - Dimensions in mm: 27 x 58 x 1736
- Available in Anthracite Grey and Light Grey only



FENCE POST LED

- Easy to slot into the position provided for the post finishing profile
- Provides warm fencing lighting, and is completely waterproof according to standard IP67 (for the power supply) and IP68 (for the LED strip)
- Order with an LED power supply, to which up to 3 LEDs can be connected
- Dimensions in mm: 24 x 24 x 1835



The Silvadec fencing LED system consists of two items

- 1 A general power supply which includes a main plug, a power transformer (IP67) and a multipoint connector to which up to 3 LEDs can be connected.
- 2 A fencing LED (post LED or lighting profile) comprising: a 4-metre extension lead; an LED strip (IP68) and a diffuser strip; the strips can be cut to the desired length.





The door range: a secure fence opening, in harmony with its setting



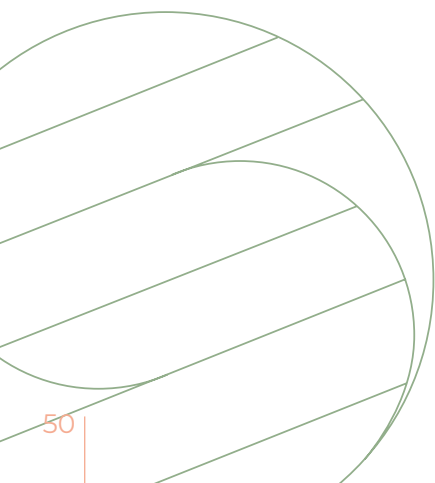
Silvadec is enhancing its fence range, by offering a door that can be installed within a Silvadec® fence or between two brick pillars.

The right-hand solid-leaf door, made from aluminium, comprises two parts, sold separately:

- the door (leaf, striker, handle and hinges),
- the door post, sold individually.

TECHNICAL CHARACTERISTICS

- Leaf dimensions in mm:
1000 (w) x 1682 (h) x 40 (thk)
- Post dimensions in mm: 100 x 100 x 2315
- Width between posts: 1040 mm
- Clearance: 92 cm
(standard on accessibility for people with reduced mobility: > 83 cm)



Colours and finishes available

Anthracite Grey
(RAL 7016 matt)

Sanded
finish



+ Points

Compatible with the
aluminium fence and
accessories range
Meets the standard on
accessibility for people with
reduced mobility
Easy maintenance

USES

- Install directly
between two brick
pillars
- Install on posts to
make an opening
in a fence



Fencing: key stages in installation



Estimated time required to install a fence:

- On post supports:
5.4 linear metres/hour with 2 people
- Posts embedded in concrete:
3.6 linear metres/hour with 2 people

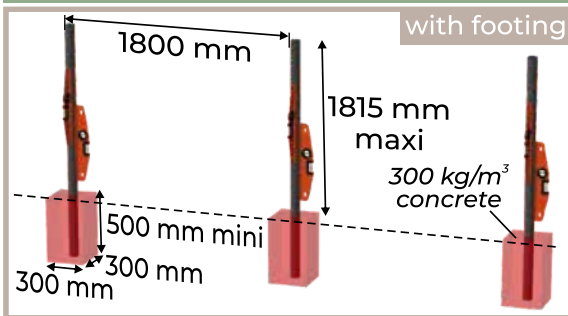


This document offers a preview of the instructions for installing fencing, all parts of which must be strictly followed. The installation instructions (ref. PU11 for composite and ref. PU36 for aluminium) are available for download at www.silvadec.com

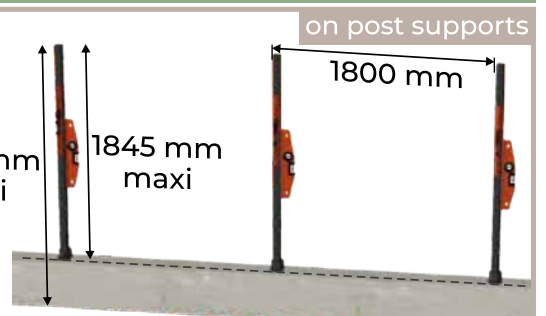
Board storage



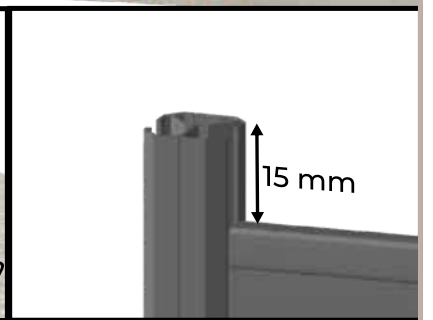
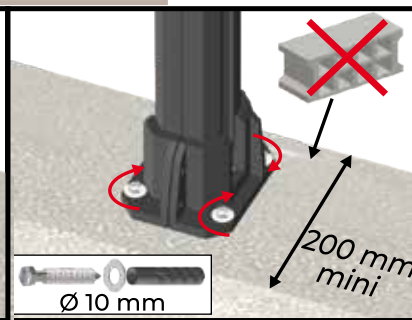
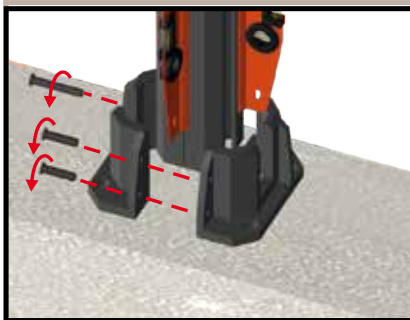
Installing the posts



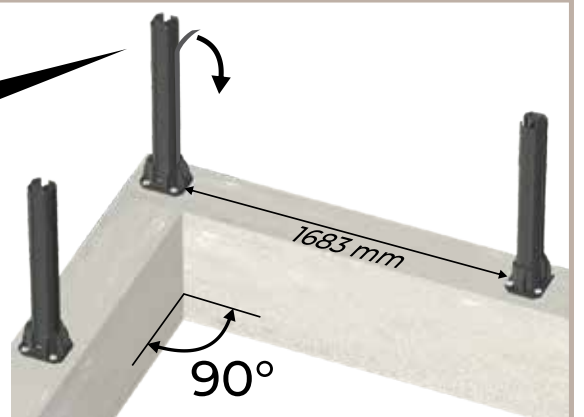
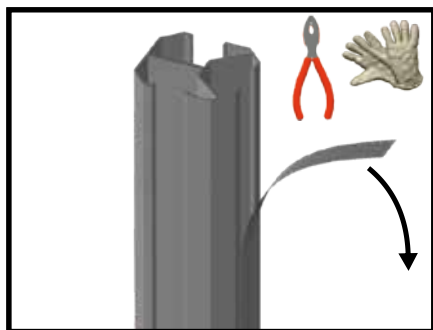
with footing



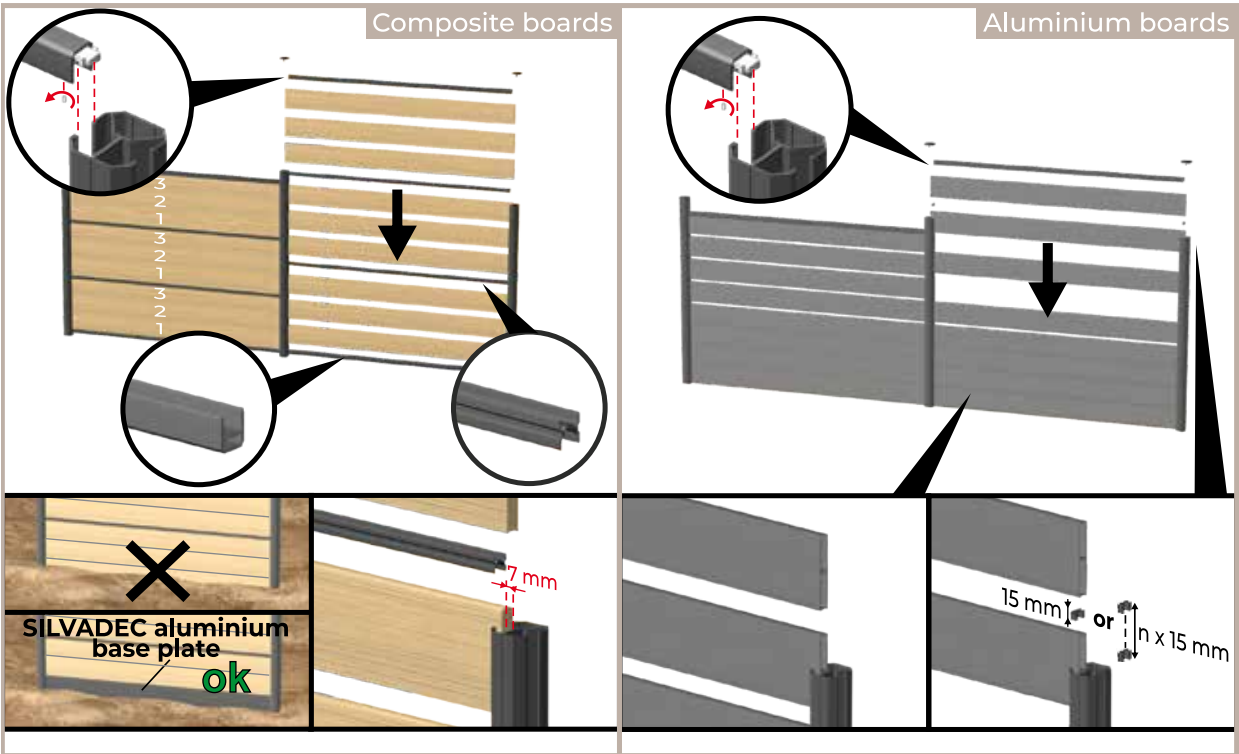
on post supports



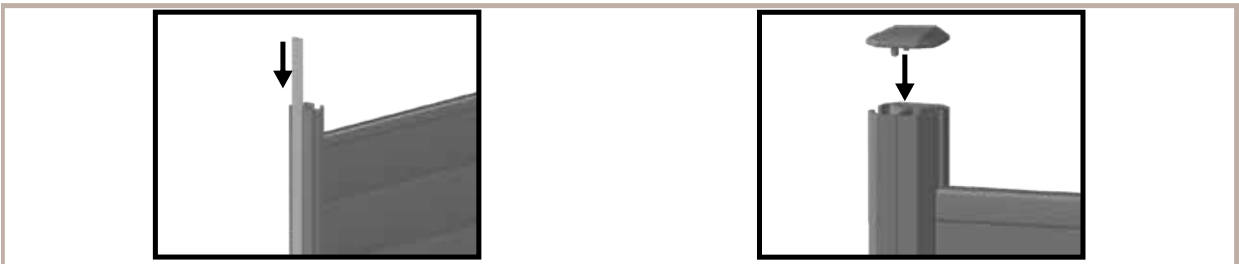
Corners



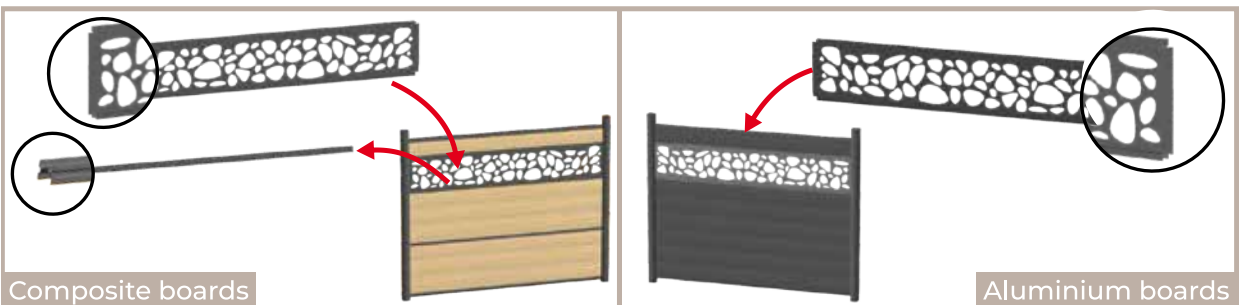
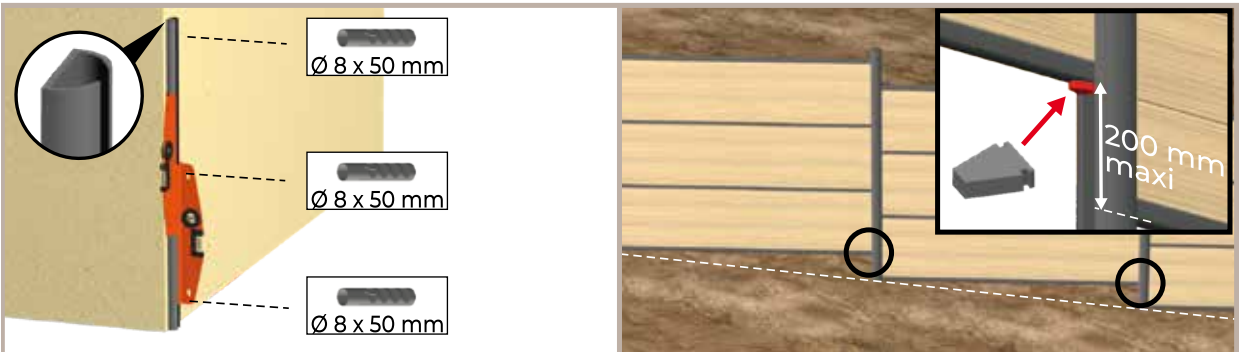
Board installation



Finishes



Options



| Item description | Part code | Barcode no. | Wt/unit kg | Lgth mm | Width mm | Hght (or thk) mm |
|--|---------------|---------------|------------|---------|----------|------------------|
| FENCING BOARDS - minimum order: 1 item | | | | | | |
| Elegance fencing board, Exotic Brown 21x150x1783 mm | SICLOT0902 | 3760102971017 | 4.46 | 1783 | 150 | 21 |
| Elegance fencing board, Anthracite Grey 21x150x1783 mm | SICLOT0906 | 3760102971390 | 4.46 | 1783 | 150 | 21 |
| Atmosphere fencing board, Light Brown 21x150x1783 mm | SICLOT1401 | 3760102976494 | 4.28 | 1783 | 150 | 21 |
| Atmosphere fencing board, Dark Brown 21x150x1783 mm | SICLOT1402 | 3760102976500 | 4.28 | 1783 | 150 | 21 |
| Atmosphere fencing board, Anthracite Grey 21x150x1783 mm | SICLOT1404 | 3760102976470 | 4.28 | 1783 | 150 | 21 |
| Atmosphere fencing board, Light Grey 21x150x1783 mm | SICLOT1403 | 3760102976487 | 4.28 | 1783 | 150 | 21 |
| Sanded aluminium fencing board, Anthracite Grey 21x148x1797 mm | SICLOTALU1801 | 3760102972038 | 2.40 | 1797 | 148 | 21 |
| Sanded aluminium fencing board, Anthracite Grey 21x148x1797 mm | SICLOTALU2001 | 3701347200500 | 2.40 | 1797 | 148 | 21 |
| Sanded aluminium fencing board, White 21x148x1797 mm | SICLOTALU2002 | 3701347200814 | 2.40 | 1797 | 148 | 21 |

| | | | | | | |
|--|------------|---------------|-------|------|-----|----|
| FENCING DESIGN PANELS - minimum order: 1 item | | | | | | |
| Anthracite Grey plant motif design panel, sanded 321x1783 mm | SIDCOR1608 | 3760102978412 | 3.50 | 1783 | 321 | 24 |
| Light Grey plant motif design panel, sanded 321x1783 mm | SIDCOR1606 | 3760102978399 | 3.50 | 1783 | 321 | 24 |
| White plant motif design panel, sanded 321x1783 mm | SIDCOR2002 | 3701347200784 | 3.50 | 1783 | 321 | 24 |
| Botanical panel 800x1800mm | SIDCOR1616 | 3760102978498 | 4.00 | 1800 | 800 | 75 |
| Anthracite Grey mineral motif design panel, sanded 321x1783 mm | SIDCOR1604 | 3760102978375 | 2.50 | 1783 | 321 | 24 |
| Light Grey mineral motif design panel, sanded 321x1783 mm | SIDCOR1602 | 3760102978351 | 2.50 | 1783 | 321 | 24 |
| White mineral motif design panel, sanded 321x1783 mm | SIDCOR2001 | 3701347200791 | 2.50 | 1783 | 321 | 24 |
| Gabion panel 800 x 1800mm | SIDCOR1801 | 3760102972014 | 13.20 | 1800 | 800 | 40 |
| Anthracite Grey urban motif design panel, sanded 321x1783 mm | SIDCOR1612 | 3760102978450 | 3.50 | 1783 | 321 | 24 |
| Light Grey urban motif design panel, sanded 321x1783 mm | SIDCOR1610 | 3760102978436 | 3.50 | 1783 | 321 | 24 |
| White urban motif design panel, sanded 321x1783 mm | SIDCOR2003 | 3701347200777 | 3.50 | 1783 | 321 | 24 |
| Frosted glass design panel 432 x 1783 mm | SIDCOR1613 | 3760102978467 | 13.00 | 1783 | 432 | 21 |
| Transparent glass design panel 432 x 1783 mm | SIDCOR1614 | 3760102978474 | 13.00 | 1783 | 432 | 21 |

| | | | | | | |
|--|-------------|---------------|------|------|-----|----|
| FENCING ACCESSORIES in SANDED aluminium - Minimum order: 1 item | | | | | | |
| Anthracite Grey 3-in-1 high-wind post, sanded, 1260 mm | SIPOT1405 | 3760102976722 | 2.35 | 1260 | 70 | 64 |
| Anthracite Grey 3-in-1 high-wind post, sanded, 2315mm | SIPOT1406 | 3760102976739 | 4.32 | 2315 | 70 | 64 |
| Metal Grey 3-in-1 high-wind post, sanded, 1260 mm | SIPOT1403 | 3760102976708 | 2.35 | 1260 | 70 | 64 |
| Metal Grey 3-in-1 high-wind post, sanded, 2315mm | SIPOT1404 | 3760102976715 | 4.32 | 2315 | 70 | 64 |
| White 3-in-1 high-wind post, sanded, 1260 mm | SIPOT2001 | 3701347200715 | 2.35 | 1260 | 70 | 64 |
| White 3-in-1 high-wind post, sanded, 2315mm | SIPOT2002 | 3701347200708 | 4.32 | 2315 | 70 | 64 |
| Anthracite Grey aluminium double-shell post support, sanded | SIPLAT1402 | 3760102976791 | 0.71 | 133 | 107 | 83 |
| Metal Grey aluminium double-shell post support, sanded | SIPLAT1401 | 3760102976784 | 0.71 | 133 | 107 | 83 |
| White aluminium double-shell post support, sanded | SIPLAT2001 | 3701347200722 | 0.71 | 133 | 107 | 83 |
| Sanded Anthracite Grey post cover | SICHAP1402 | 3760102976814 | 0.07 | 74 | 70 | 18 |
| Sanded Metal Grey post cover | SICHAP1401 | 3760102976807 | 0.07 | 74 | 70 | 18 |
| Sanded White post cover | SICHAP2001 | 3701347200845 | 0.07 | 74 | 70 | 18 |
| Anthracite Grey wall-fixed semi-post, sanded, 1845 mm | SIPOT1801 | 3760102972021 | 1.60 | 1845 | 70 | 35 |
| Metal Grey wall-fixed semi-post, sanded, 1845mm | SIPOT1802 | 3760102972052 | 1.60 | 1845 | 70 | 35 |
| White wall-fixed semi-post, sanded, 1845mm | SIPOT2004 | 3701347200685 | 1.60 | 1845 | 70 | 35 |
| Semi-post-cover for sanded Anthracite Grey wall-fixed post | SICHAP1801 | 3760102972212 | 0.05 | 72 | 32 | 21 |
| Semi-post-cover for sanded Metal Grey wall-fixed post | SICHAP1802 | 3760102972489 | 0.05 | 72 | 32 | 21 |
| Semi-post-cover for sanded White wall-fixed post | SICHAP2002 | 3701347200838 | 0.05 | 72 | 32 | 21 |
| Top rail or base rail, Anthracite Grey, sanded 26x30x1736 mm | SILISHB1901 | 3701347200340 | 0.60 | 1736 | 30 | 26 |
| Top rail or base rail, Metal Grey, sanded 26x30x1736 mm | SILISHB1902 | 3701347200357 | 0.60 | 1736 | 30 | 26 |
| Top rail or base rail, White, sanded 26x30x1736 mm | SILISHB2001 | 3701347200746 | 0.60 | 1736 | 30 | 26 |

| Item description | Part code | Barcode no. | Wt/unit kg | Lgth mm | Wdth mm | Hght (or thk) mm |
|--|--------------|---------------|------------|---------|---------|------------------|
| Halfway support profile, Anthracite Grey, sanded 1736mm | SILISINT1402 | 3760102976777 | 0.47 | 1736 | 23 | 24 |
| Halfway support profile, Metal Grey, sanded 1736mm | SILISINT1401 | 3760102976760 | 0.47 | 1736 | 23 | 24 |
| Halfway support profile, White, sanded 1736mm | SILISINT2001 | 3701347200739 | 0.47 | 1736 | 23 | 24 |
| Base plate, Anthracite Grey, sanded 1797mm | SICLOT1422 | 3760102976869 | 3.03 | 1797 | 153 | 21 |
| Base plate, Metal Grey, sanded 1797mm | SICLOT1421 | 3760102976845 | 3.03 | 1797 | 153 | 21 |
| Base plate, White, sanded 1797mm | SICLOTSB2001 | 3701347200807 | 3.03 | 1797 | 153 | 21 |
| Anthracite Grey post finishing profile, sanded 27x9.5x1845 mm | SIPOT1408 | 3760102976838 | 0.39 | 1845 | 27 | 10 |
| Metal Grey post finishing profile, sanded 27x9.5x1845 mm | SIPOT1407 | 3760102976821 | 0.39 | 1845 | 27 | 10 |
| White post finishing profile, sanded 27x9.5x1845 mm | SIPOT2003 | 3701347200692 | 0.39 | 1845 | 27 | 10 |
| Sanded Anthracite Grey 15 mm dividers for aluminium fencing board - Packet of 22 | SIENT1801 | 3760102972168 | 0.08 | | | |
| Sanded Metal Grey 15 mm dividers for aluminium fencing board - Packet of 22 | SIENT2002 | 3701347200753 | 0.08 | | | |
| Sanded White 15 mm dividers for aluminium fencing board - Packet of 22 | SIENT2001 | 3701347200760 | 0.08 | | | |
| Anthracite Grey adjusting spacers - Blister pack of 2 | SICALE1701 | 3760102978900 | 0.12 | | | |
| Top rail connectors kit - Blister pack of 2 | SILISCO1301 | 3760102975510 | 0.25 | | | |
| Lighting profile, Anthracite Grey, sanded 1736 mm (without power supply) | SILISLUM1505 | 3760102977675 | 1.70 | 1736 | 23 | 60 |
| Lighting profile, Metal Grey, sanded 1736 mm (without power supply) | SILISLUM1504 | 3760102977668 | 1.70 | 1736 | 23 | 60 |
| Fence post LED without power supply | SILEDC1501 | 3760102977620 | 3.00 | | | |

SANDED aluminium DOOR - minimum order: 1 item

| | | | | | | |
|--|---------------|---------------|-------|------|------|-----|
| Door structure, Anthracite Grey, sanded 1000x1682 mm | SIPORT1901 | 3701347200432 | 40.00 | 1682 | 1000 | |
| Post for aluminium door 100x100x2315 mm | SIPORTPOT1901 | 3701347200449 | 10.00 | 2315 | 100 | 100 |





Draw up a fencing estimate



Log on to www.silvadec.com!

To make things easier, we've provided a user-friendly online tool to run the combination calculations, so your project estimate is just a few clicks away!

PRACTICAL INFORMATION ON SPECIFIC FENCE INSTALLATIONS

1

Customising your fence



One aluminium design panel replaces 2 fencing boards.



One glass design panel replaces 3 fencing boards.

2

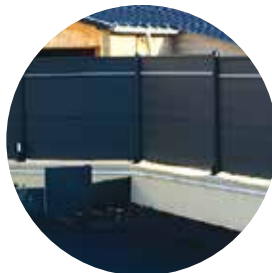
Fence with a right angle



For each corner, add a post finishing profile.

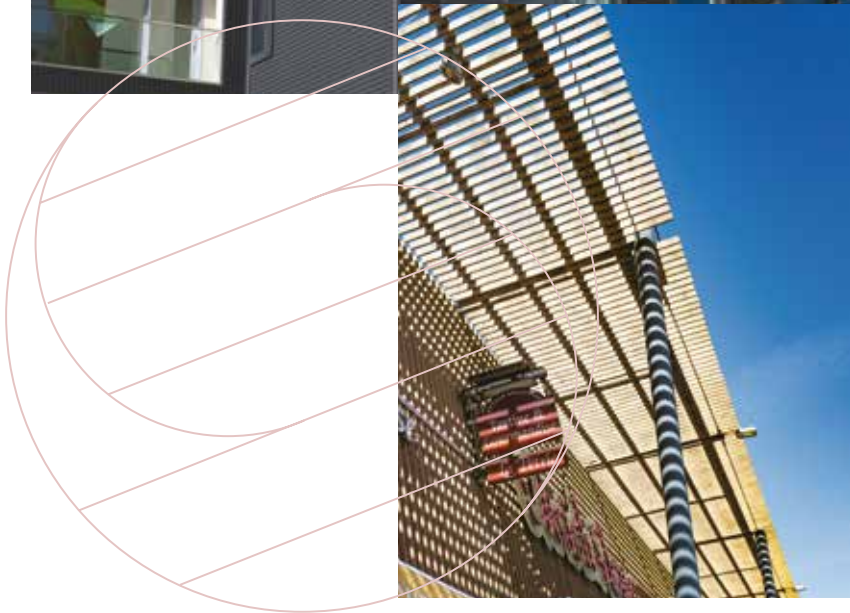
3

Fence with one or more non-90° angles



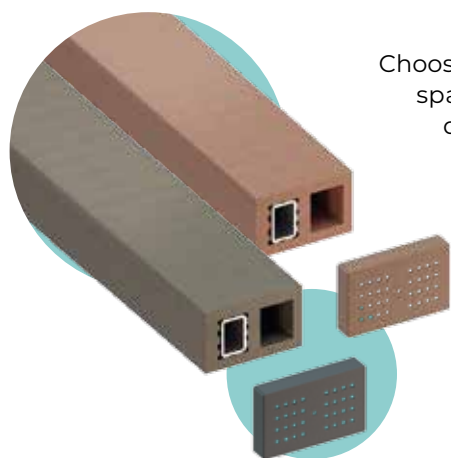
The number of posts must be doubled when using non-90° angles. For each doubled post, remember to add a post cover, 2 post finishing profiles and possibly an extra post support, as required.

Our cladding types





The sun shade: where aesthetics meet comfort



Choose our Silvadec® sun shade to enhance the comfort of a living space by modifying the brightness and temperature. Reduce direct solar radiation into the building, and **regulate heat while letting light in.**

Our **modular solution, comprised of composite with an aluminium reinforcement**, works in different configurations, whether on a cladding or a free-standing structure. It offers you considerable freedom of installation to create an aesthetic and functional architectural whole.

TECHNICAL CHARACTERISTICS

Composite board, cross-section 50 x 80 mm, including aluminium reinforcement with cross-section 30 x 20 x 2 mm

- The board is brushed on one side only (width 80 mm) and must be installed with the brushed side showing.
- Length: 4 m
- Weight of a profile: • 3.40 kg per linear metre

Finishing cover for sun shade board

- Powder-coated aluminium
- Attractive finish allowing the boards to be ventilated
- Screw-fixed
- Dimensions in mm: 80 x 54 x 15

Colours available

Exotic Brown
(RAL 8016 matt)**

Anthracite Grey
(RAL 7021)**



+ Points

Doesn't grey over time
Resistant to insects and fungi
Long-lasting colour
Aligns with the initiatives mentioned in French Thermal Regulation RT2012
Guaranteed for 25 years*

*Terms of the warranty can be downloaded from www.silvadec.com

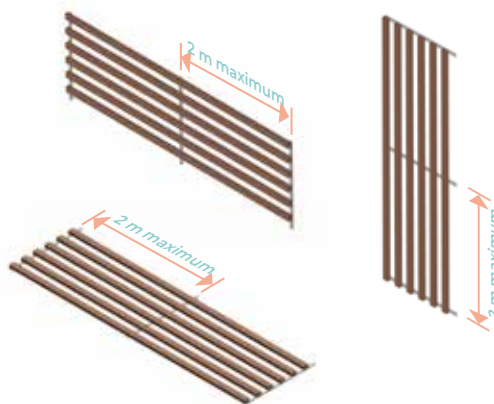
**RAL colour equivalents are valid for the covers only



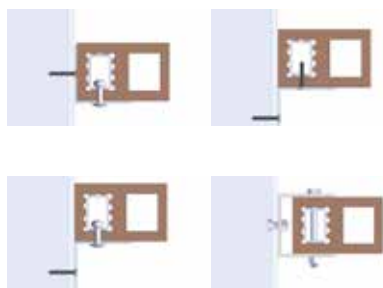
OUR ADVICE ON INSTALLATION

It is essential that the fixing used to install the sun shade board is applied to the aluminium reinforcement.

The sun shade can be installed horizontally or vertically, ensuring that the interval does not exceed 2 m, with at least 3 fixing points per board. The boards can also be installed overhead to form a pergola.



When the boards are oriented vertically in a cladding configuration, "through-screws" for metal may be used (see diagram opposite). Use screws with minimum \varnothing 6 mm and follow the pre-drilling instructions.



When the boards are oriented horizontally in a cladding configuration, brackets (or U-profiles) must be used for fixing.

- To fix the bracket (or U-profile) on the metal surface of the structure, use self-drilling metal screws appropriately sized for the thickness of the two parts.
- To fix the bracket (or U-profile) to the composite boards, self-tapping screws with minimum \varnothing 5 mm can be used, or alternately rivets with minimum \varnothing 4.9 mm.
- If using a U-profile, the boards can be bolted in place.

Overhang

An overhang of up to 60 cm at the end of the sun shade boards is tolerated, provided that the aluminium reinforcement is present along their entire length.





The open rhombus cladding board: opt for a modern, durable cladding requiring no treatment



Aimed at **collective housing developments, private houses** and the **non-residential sector**, the rhombus cladding board gives housing a modern lift. Our composite rhombus cladding boards are produced using a unique **co-extrusion** method, which covers the board in a layer of polymer. Whether installed horizontally or vertically, rhombus cladding stands out for its ideal technical qualities and range of on-trend colours.

This cladding is appropriately **wind-resistant**, with a classification of V4⁽¹⁾ (= highest performance) up to a height of 30 m⁽²⁾ for a normal or exposed site.

(1) according to the "cahier CSTB 2929" test method by France's Scientific and Technical Centre for Building · (2) according to the NV65 rules applicable to claddings in zones of mainland France (I, II, III), and French Overseas Regions and Collectivities (IV)

+ Points

Easy maintenance
No treatment is required
Permanent and uniform colour
Guaranteed for 25 years*

TECHNICAL CHARACTERISTICS

- Hollow core open rhombus cladding board in co-extruded composite
- Dimensions in mm: 30 x 87 x 3600 and available to measure on special order from 1 to 4 m
Tolerances:
width and thickness: +/- 2 mm
length: +/-10 mm
- Weight: 1.8 kg/lm i.e. 21 kg/m²
- Range of dedicated fixing accessories

*Terms of the warranty can be downloaded from www.silvadec.com



Design idea:

you could choose tone-on-tone colours for your boards and accessories, or go for a contrasted look!



Colours available

Anthracite Grey

Light Grey

Cream White

Dark Brown

Light Brown



COLOUR STABILITY

First open rhombus cladding profiles on the market that do not fade to grey, and which guarantee durable and uniform colours regardless of corners or roof overhangs.

NO TREATMENT REQUIRED

The polyethylene protective layer ensures easy maintenance without treatment.

PRACTICAL

The production process ensures a constant level of board quality. Several possible lengths, clip-fixed.

ECOLOGICAL

As these boards are compatible with external thermal insulation, they are an ideal cladding solution for renovation of a dwelling or any other type of building (ITE as per DTU 41.2). The open rhombus cladding board is a harmonious inclusion on constructions aiming for High Environmental Quality (HQE) standard.

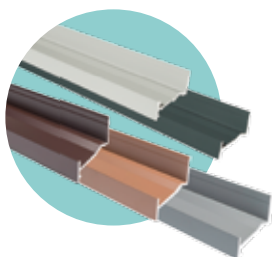


AN ENVIRONMENTALLY FRIENDLY, 100% RECYCLABLE PRODUCT





Accessories to create your cladding



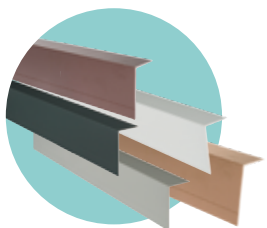
START AND END PROFILE

- An alloy of Qualicoat®-certified powder-coated aluminium
- Installed horizontally at the start and end of installation, it holds the profiles in place. Under no circumstances should it be installed vertically.
- Dimensions in mm: 34 x 52.5 x 3600



CLIPS

- Anodised aluminium
- The clip conceals the fixture, with 15 mm spacing between boards (vertical projection 0 mm).
- It is fixed directly on the cleat.
- Packet of 140 clips + screws
- Available in one colour: black



CORNER PROFILE

- An alloy of Qualicoat®-certified powder-coated aluminium
- Vertical finishing accessory; it conceals profile expansion gaps at the ends of the wall.
- Dimensions in mm: 34 x 62.5 x 3600

Colours available to match the boards

Anthracite Grey
(RAL 7016)



Light Grey
(RAL 7042)



Cream White
(RAL 9001)

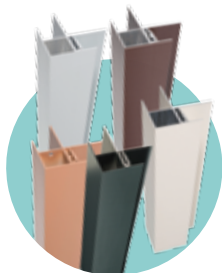


Dark Brown
(RAL 8017)



Light Brown
(no RAL
correspondence)





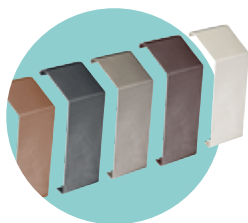
INWARD / OUTWARD FACING CORNER PROFILE

- An alloy of Qualicoat®-certified powder-coated aluminium
- Comprised of two profiles assembled together, it can be used to create an inward or outward facing corner. One is fixed on the cleats before the boards, and the other is clipped to the first to hide expansion gaps.
- Dimensions in mm: 89 x 89 x 3600



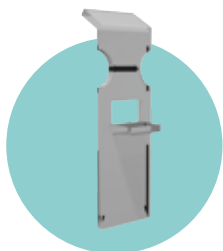
BUTTING PROFILE

- An alloy of Qualicoat®-certified powder-coated aluminium
- Designed to be installed with the Silvadec® open rhombus cladding profile
- It conceals the butting gaps between profiles, for vertically aligned buttings.
- Dimensions in mm: 35 x 66 x 3600



JOINT COVER

- Powder-coated aluminium alloy
- It conceals butting gaps between profiles, for offset buttings.
- Dimensions in mm: 30 x 87 x 35



INSTALLATION JIG

- Indicates where you must nail into the profile, as well as the alignment of the nails on a cladding
- Dimensions in mm: 50 x 166 x 26
- Available in one colour: translucent



For 1 m² of cladding, you will need:

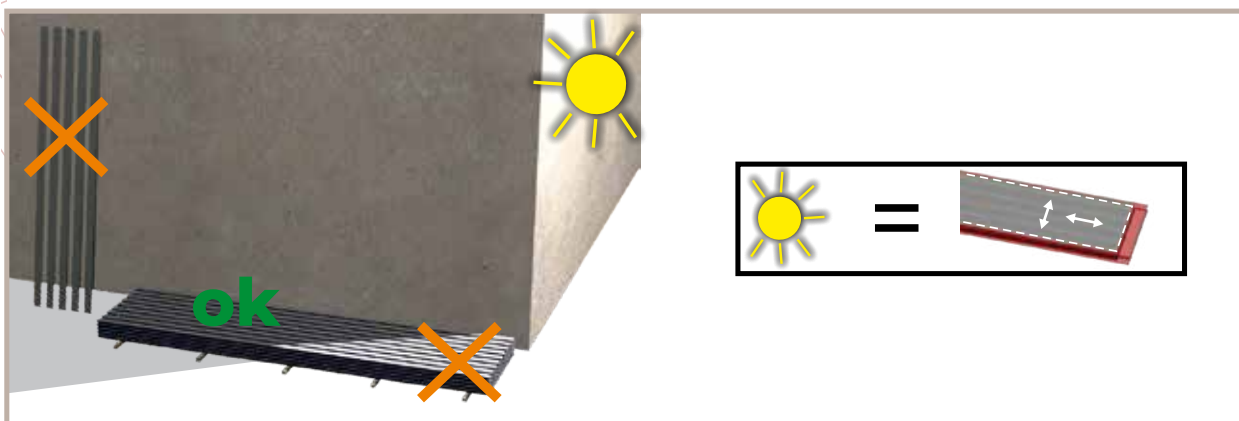
- 12 linear metres of open rhombus cladding boards
- 3 linear metres of cleats
- 28 clips + screws

Open rhombus cladding board: key stages in installation

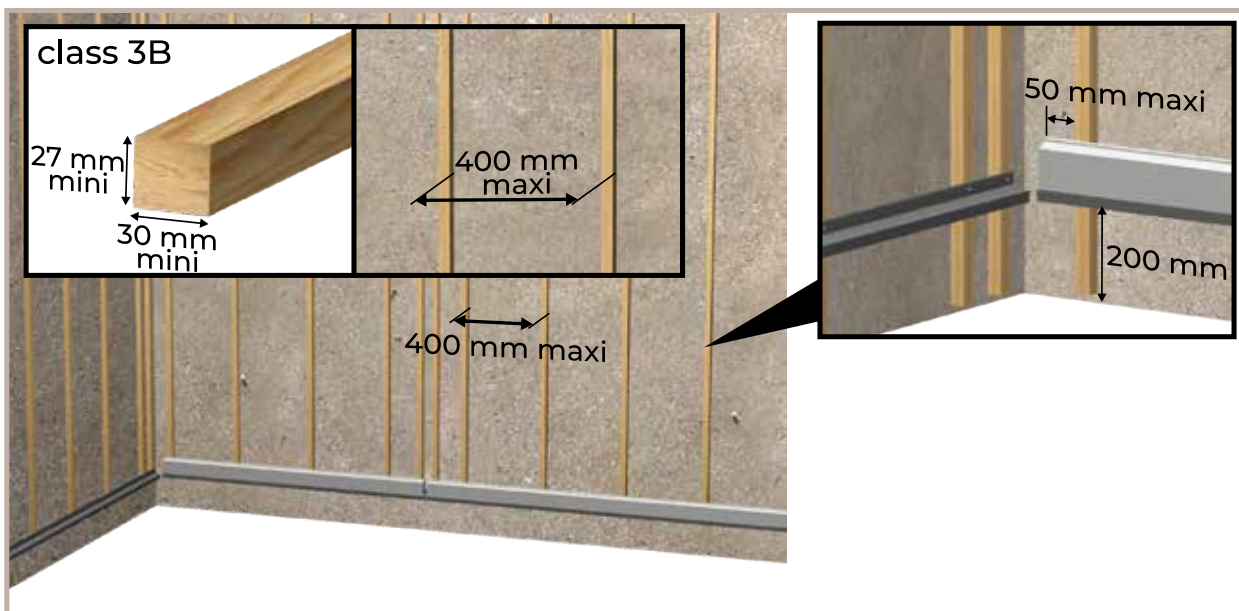


This document offers a preview of the instructions for installing open rhombus cladding, all parts of which must be strictly followed. The installation instructions (ref. PU29) are available for download at www.silvadec.com

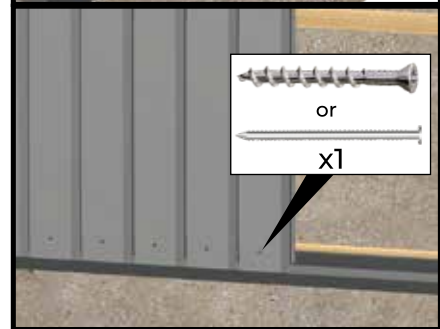
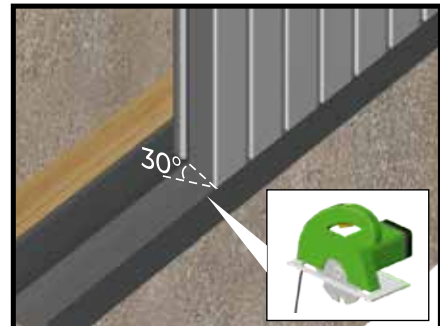
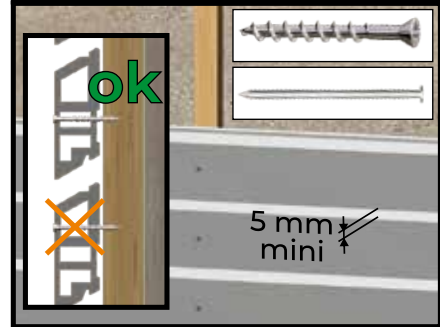
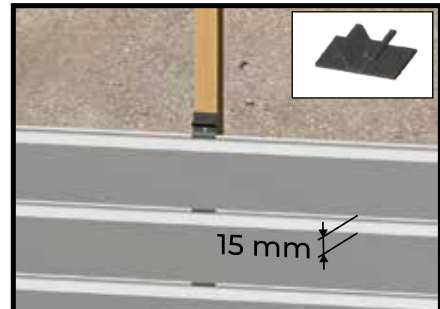
Board storage



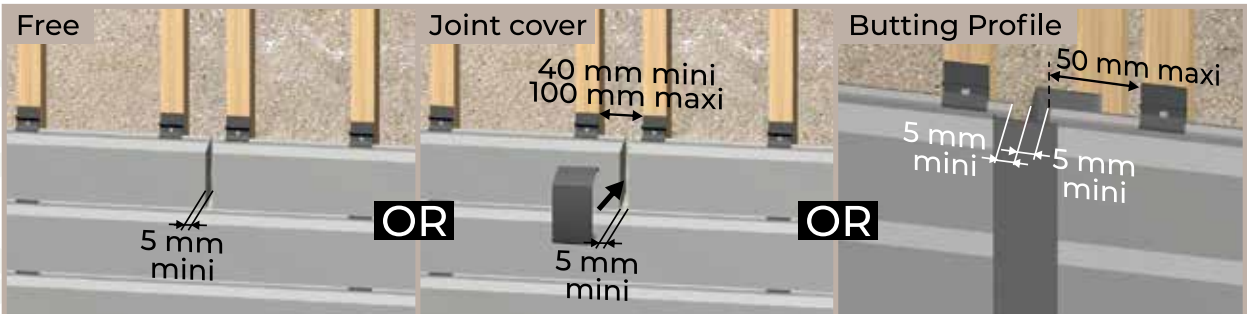
Installing the cleats



Installing the cladding



Butting



| Item description | Part code | Barcode no. | Wt/ unit kg | Lgth mm | Wdth mm | Hght (or thk) mm |
|--|------------------|---------------|-------------------|------------|------------|------------------------|
| SUN SHADE BOARD - minimum order: 10 boards | | | | | | |
| Elegance sun shade, Exotic Brown, 1 brushed side 50x80x4000 mm | SIBRISOL1702 | 3760102978887 | 13.60 | 4000 | 80 | 50 |
| Elegance sun shade, Anthracite Grey, 1 brushed side 50x80x4000 mm | SIBRISOL1703 | 3760102978894 | 13.60 | 4000 | 80 | 50 |
| SUN SHADE ACCESSORIES - minimum order: 10 boards | | | | | | |
| Sun shade finishing cover, Exotic Brown 50x80 mm | SIBRISOLCAP1802 | 3760102972144 | 0.02 | 80 | 54 | 15 |
| Sun shade finishing cover, Anthracite Grey 50x80 mm | SIBRISOLCAP1801 | 3760102972090 | 0.02 | 80 | 54 | 15 |
| CLADDING BOARDS - minimum order: 10 boards | | | | | | |
| Atmosphere open rhombus cladding board, Cream White 30x70x3600 mm | SIBARLAM1304L3.6 | 3760102975701 | 6.30 | 3600 | 70 | 30 |
| Atmosphere open rhombus cladding board, Light Brown 30x70x3600 mm | SIBARLAM1305L3.6 | 3760102975916 | 6.30 | 3600 | 70 | 30 |
| Atmosphere open rhombus cladding board, Dark Brown 30x70x3600 mm | SIBARLAM1303L3.6 | 3760102975688 | 6.30 | 3600 | 70 | 30 |
| Atmosphere open rhombus cladding board, Anthracite Grey 30x70x3600 mm | SIBARLAM1301L3.6 | 3760102975985 | 6.30 | 3600 | 70 | 30 |
| Atmosphere open rhombus cladding board, Light Grey 30x70x3600 mm | SIBARLAM1302L3.6 | 3760102976081 | 6.30 | 3600 | 70 | 30 |
| CLADDING BOARDS in linear metres - minimum order: 40 lm in special lengths | | | | | | |
| Atmosphere open rhombus cladding board, Cream White 30x70 per m | SIBARLAM1304 | 3760102975701 | 1.75 | 1000 | 70 | 30 |
| Atmosphere open rhombus cladding board, Light Brown 30x70 per m | SIBARLAM1305 | 3760102975916 | 1.75 | 1000 | 70 | 30 |
| Atmosphere open rhombus cladding board, Dark Brown 30x70 per m | SIBARLAM1303 | 3760102975688 | 1.75 | 1000 | 70 | 30 |
| Atmosphere open rhombus cladding board, Anthracite Grey 30x70 per m | SIBARLAM1301 | 3760102975985 | 1.75 | 1000 | 70 | 30 |
| Atmosphere open rhombus cladding board, Light Grey 30x70 per m | SIBARLAM1302 | 3760102976081 | 1.75 | 1000 | 70 | 30 |
| OPEN RHOMBUS CLADDING ACCESSORIES - minimum order: 1 item | | | | | | |
| Cream White cladding start and end profile, 3600 mm | SIBARPDF1304 | 3760102975732 | 1.25 | 3600 | 53 | 34 |
| Light Brown cladding start and end profile 3600 mm | SIBARPDF1305 | 3760102975923 | 1.25 | 3600 | 53 | 34 |
| Dark Brown cladding start and end profile 3600 mm | SIBARPDF1303 | 3760102975725 | 1.25 | 3600 | 53 | 34 |
| Anthracite Grey cladding start and end profile 3600 mm | SIBARPDF1301 | 3760102975992 | 1.25 | 3600 | 53 | 34 |
| Light Grey cladding start and end profile 3600 mm | SIBARPDF1302 | 3760102975718 | 1.25 | 3600 | 53 | 34 |
| 15 mm black clips for gap + screws - packet of 140 | SIBARCLIP1301 | 3760102976050 | 1.10 | | | |
| Cream White cladding corner profile 3600 mm | SIBARPCOR1304 | 3760102975855 | 1.38 | 3600 | 63 | 34 |
| Light Brown cladding corner profile 3600 mm | SIBARPCOR1305 | 3760102975961 | 1.38 | 3600 | 63 | 34 |
| Dark Brown cladding corner profile 3600 mm | SIBARPCOR1303 | 3760102975848 | 1.38 | 3600 | 63 | 34 |
| Anthracite Grey cladding corner profile 3600 mm | SIBARPCOR1301 | 3760102976043 | 1.38 | 3600 | 63 | 34 |
| Light Grey cladding corner profile 3600 mm | SIBARPCOR1302 | 3760102975831 | 1.38 | 3600 | 63 | 34 |
| Cream White cladding corner profile 3600 mm | SIBARPANG1304 | 3760102975824 | 5.28 | 3600 | 89 | 89 |
| Light Brown cladding corner profile 3600 mm | SIBARPANG1305 | 3760102975954 | 5.28 | 3600 | 89 | 89 |
| Dark Brown cladding corner profile 3600 mm | SIBARPANG1303 | 3760102975817 | 5.28 | 3600 | 89 | 89 |
| Anthracite Grey cladding corner profile 3600 mm | SIBARPANG1301 | 3760102976036 | 5.28 | 3600 | 89 | 89 |
| Light Grey cladding corner profile 3600 mm | SIBARPANG1302 | 3760102975800 | 5.28 | 3600 | 89 | 89 |
| Cream White cladding butting profile 3600 mm | SIBARPAB1304 | 3760102975763 | 1.66 | 3600 | 63 | 34 |
| Light Brown cladding butting profile 3600 mm | SIBARPAB1305 | 3760102975930 | 1.66 | 3600 | 63 | 34 |
| Dark Brown cladding butting profile 3600 mm | SIBARPAB1303 | 3760102975756 | 1.66 | 3600 | 63 | 34 |
| Anthracite Grey cladding butting profile 3600 mm | SIBARPAB1301 | 3760102976005 | 1.66 | 3600 | 63 | 34 |
| Light Grey cladding butting profile 3600 mm | SIBARPAB1302 | 3760102975749 | 1.66 | 3600 | 63 | 34 |
| Open rhombus cladding joint covers, Cream White 30 x 87 mm - Bar of 8 | SIBARCJ1505 | 3760102977750 | 0.10 | 280 | 87 | 30 |
| Open rhombus cladding joint covers, Light Brown 30 x 87 mm - Bar of 8 | SIBARCJ1503 | 3760102977736 | 0.10 | 280 | 87 | 30 |
| Open rhombus cladding joint covers, Dark Brown 30 x 87 mm - Bar of 8 | SIBARCJ1504 | 3760102977743 | 0.10 | 280 | 87 | 30 |
| Open rhombus cladding joint covers, Light Grey 30 x 87 mm - Bar of 8 | SIBARCJ1502 | 3760102977729 | 0.10 | 280 | 87 | 30 |
| Atmosphere open rhombus cladding joint covers, Anthracite Grey 30 x 87 mm - Bar of 8 | SIBARCJ1501 | 3760102977712 | 0.10 | 280 | 87 | 30 |
| Installation jig for Atmosphere open rhombus cladding profile | SIBARGAB1401 | 3760102976432 | 0.00 | 167 | 50 | 47 |



Practical information





Our advice on maintenance

> ELEGANCE AND EMOTION BOARDS



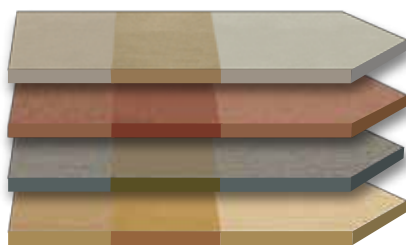
It is essential to wash your decking once a year, and fencing twice a year, ideally in spring, using a **long-handled broom** and soapy water, which should be warm, for optimum action.

Composite boards are mostly made of wood and are therefore liable to staining, dependent on the product's environment, its use and your regional climate. Stains are always on the surface of the board and never alter the structure of the product. Most stains wash off easily with soapy water and a broom. Household stains (greasy) fade naturally if they are exposed frequently to UV and the weather.



TEMPORARY BRONZING

| | | |
|----------------------------------|------------------------------------|--|
| Before exposure to UV rays | After a few hours in the sun | After a few weeks of exposure to the weather |
|----------------------------------|------------------------------------|--|



| | | |
|--------------------|---------------------|----------------------|
| ORIGINAL COLOUR | NATURAL BRONZING | STABILISED COLOUR |
|--------------------|---------------------|----------------------|

The Elegance and Emotion boards **yellow temporarily during the first few weeks after installation**. This natural phenomenon disappears after exposure to the sun and to the weather, at which point the boards will revert to their original colour. This bronzing may last longer if the boards are installed in semi-sheltered or sheltered areas. In this case, if water spots persist, it is possible to speed up their disappearance by using a jet of water and a broom to brush along the length of the boards.

> ATMOSPHERE AND ALUMINIUM BOARDS



It is essential to wash decking and fencing once a year, ideally in spring, using soapy water, which should be warm for optimum action. We strongly recommend using a **broom** to wash Atmosphere boards and a **sponge** to wash Aluminium fences, as some long-handled brooms can cause scratches.

> ON ALL SILVADEC® PRODUCTS

THINGS YOU SHOULD NEVER DO

- Do not use high-pressure cleaning equipment
- Do not use solvent
- Do not apply staining oil, paint or protective/restorer products.



TIP:

Scatter sodium-bicarbonate-based laundry detergent powder on the boards, wet the cleaning utensil with warm water, rub the surface, leave to work and rinse with plenty of water.

WHAT TO DO IN THE EVENT OF...

| Type of mark | Cause | Action(s) to take |
|---|--|--|
| GREASE STAINS | Mainly food stains: barbecue, oil, ice cream, etc. | ELEGANCE AND EMOTION BOARDS: It is advisable to take action immediately after the stain appears, with a natural clay powder cleanser. For stubborn stains, use an aliphatic hydrocarbons-based stain remover (e.g. Starwax®) suitable for composite products, and apply on top of the natural clay powder cleanser ~12hrs. This treatment may slightly lighten the board, but the colour will become more uniform with time. |
| STUBBORN DIRT STAINS, BLACK DRIPS ON FENCING | Caused by atmospheric pollution, the dirt is deposited on the surface. | ELEGANCE AND EMOTION BOARDS: Clean by hand with a long-handled brush or a sponge with a scraper, and warm soapy water. Some products containing natural acids (oxalic acid, vinegar, citric acid,...) can be very effective sometimes. Always run trials on a small and discreet surface when testing a new product on your decking, some damages could be irreversible. |
| SCRATCHES | Gravel, sharp objects, etc. | ELEGANCE AND EMOTION BOARDS: A scratched surface can be sanded to eliminate the scratch. The area will be a slightly lighter shade after sanding, but this colour difference will disappear after UV/weather exposure. This method is unsuitable for embossed boards (sanding removes the wood grain pattern on the surface). ATMOSPHERE DECK BOARDS ONLY: Use a brass-plated steel brush, available in DIY stores, to brush vigorously in the direction of the boards. Note that this solution is unsuitable for fencing boards and open rhombus cladding, as it would cause irreversible damage to the surface of these boards! |
| MINERAL DUST (Chalk) | Dusty environment (stone, chalky ground) | ATMOSPHERE AND ALUMINIUM BOARDS: If cleaning with a sodium bicarbonate laundry detergent is not completely effective, use a bathroom descaler. Test beforehand on a small area, leave to work, scrub with a long-handled brush and rinse with plenty of water. |
| MOSS / LICHEN | Inadequate maintenance of the boards creates an environment very conducive to moss developing | ALL BOARDS: Use a green mould and algae remover without bleach. |



Your communication tools

> DOCUMENTATION

PRO CATALOGUE

(intended for professional installers)



Ref. CATALPROUK

CONSUMER CATALOGUE



Ref. CATALCONSOENG, CATALCONSONL,
CATALCONSOIT, CATALCONSOPL,
CATALCONSOZ

THE CONSUMER CATALOGUE DISPLAY



Ref. DISPLAYCONSOEN

SPECIAL ARCHITECT'S DOSSIER



Ref. SIMPBRCTPEN

PHOTO BOOK



Ref. SIMPBOOK

> POS



DECKING ADVERTISING CANVAS

300 x 800 mm
Ref. SIMPBACHETEN



FENCE ADVERTISING CANVAS

300 x 800 mm
Ref. SIMPBACHECEN



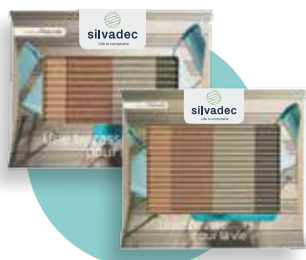
CLADDING ADVERTISING CANVAS

300 x 800 mm
Ref. SIMPBACHEBEN

> SAMPLES

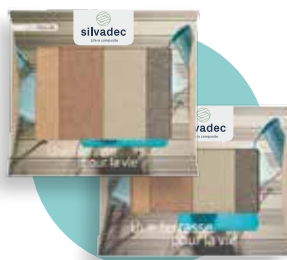
CASES

GROOVED ELEGANCE CASE



138 boards: Ref. SITUI138RUK
180 boards: Ref. SITUI180RUK

SMOOTH ELEGANCE CASE



138 boards: Ref. SITUI138LUK
180 boards: Ref. SITUI180LUK

EMBOSSSED ELEGANCE CASE



138 boards: Ref. SITUI138GUK
180 boards: Ref. SITUI180GUK

MIXED ELEGANCE CASE



138 boards: Ref. SITUI138MXUK
180 boards: Ref. SITUI180MXUK

ATMOSPHERE CASE



138 boards: Ref. SITUIAB3GRISUK and SITUIAB3BRUNUK
180 boards: Ref. SITUI180AB3GRISUK and SITUI180AB3BRUNUK

CASES

CASE FOR DECKING AND ACCESSORIES



Ref. SICOTERUK

CASE FOR A FENCE AND ACCESSORIES



Ref. SICOCLOSA

CASE FOR OPEN RHOMBUS CLADDING AND ACCESSORIES



Ref. SICOBCV

SLABS

4-COLOUR SLAB GROOVED ELEGANCE BOARDS



Ref. SIDALER

4-COLOUR SLAB EMBOSSSED ELEGANCE BOARDS



Ref. SIDALES

3-COLOUR ATMOSPHERE SLAB BROWN TONES



Lima, Sao Paulo, Rio boards
Ref. SIDALATM3B

3-COLOUR ATMOSPHERE SLAB GREY TONES



Cayenne, Ushuaia, Belem boards
Ref. SIDALATM3C



> FENCING MOCK-UPS

ATMOSPHERE FENCING MOCK-UP



Ref. SIMACLOATSA

FENCING MOCK-UP IN SANDED ALUMINIUM



Anthracite Grey: Ref. SIMACLOALSA
Metal Grey: Ref. SIMACLOALSAGM
White: Ref. SIMACLOALSABL





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silvadec

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e-mail: info@silvadec.com

The Silvadec switchboard is open Monday to Friday,
from 8:30 am to 12 noon and from 2 pm to 5:30 pm

EX-WORKS

To pick up orders
from the factory, (Monday
to Friday from 9 am to 12 noon
and from 2 pm to 4 pm),
an appointment must be made
48 hours in advance by calling
+33 (0)2 97 45 09 00.



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**Composite,
inspires
our imagination**



Composite, inspires our imagination

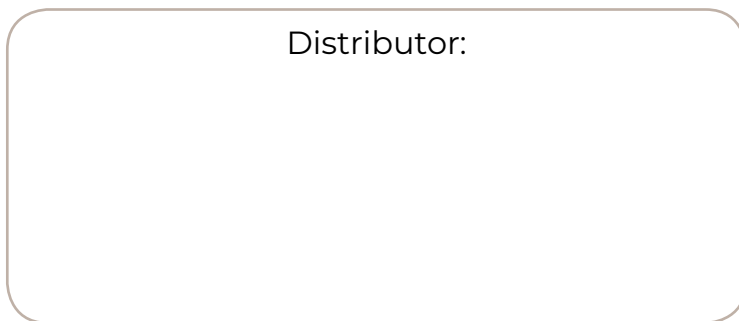


Quality, design, durability, traceability.

For 20 years, we have been designing innovative, practical composite materials based on circular economy principles. Our decking, fence and cladding products, all rot-resistant and guaranteed for 25 years, are manufactured using patented technology, using processes that master resources from the raw material to the finished item.

Together, let's expand the possibilities for outdoor space creation.

Distributor:



Reach us at:



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