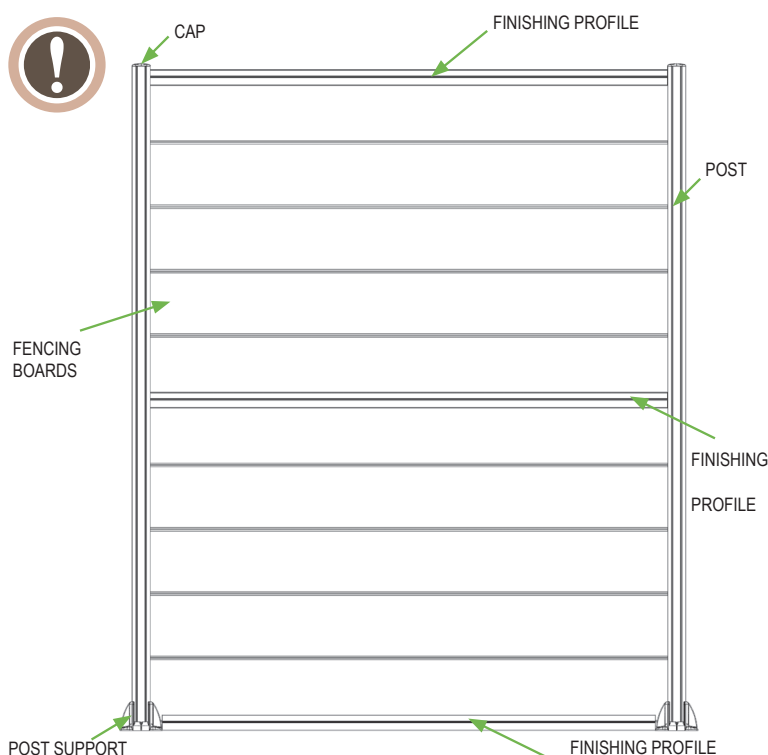


READ CAREFULLY BEFORE ANY FENCE INSTALLATION

Before starting installation on-site, we strongly recommend that you read this document in full in order to understand any installation issues. Do not install fencing in a place likely to permanently scratch posts, post finishing profiles, post supports and other caps. These are made from a scratch-sensitive aluminium alloy. Fence boards are not structural elements. This fencing is intended for vertical use and is not designed to support a load or to act as an anchoring point. Our guarantee only covers components from our range provided that they have been installed as an assembly (for example, our guarantee will not cover posts used with exotic wood boards). We disclaim all liability and void our guarantee in case of failure to comply with the instructions below.

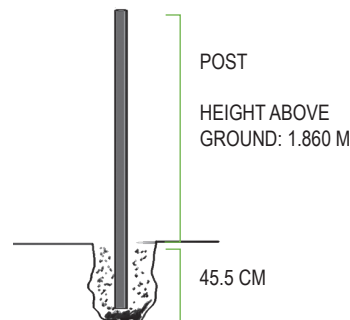
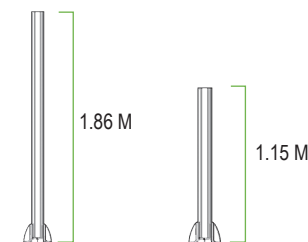
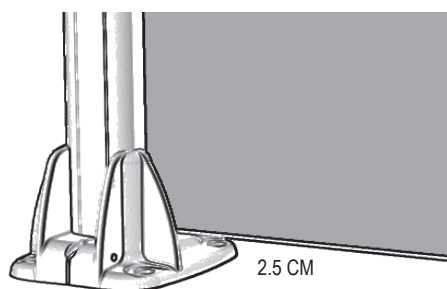


ASSEMBLY AND CALCULATION OF NUMBER OF FENCING COMPONENTS REQUIRED (WITH OR WITHOUT CONCRETE FOOTING)

INSTALLATION ON POST SUPPORTS IS PROHIBITED FOR FENCE HEIGHTS OVER 1.80 m, I.E. 10 FENCE BOARDS.

Number of boards	Desired fence height	Corresponding post height
Installation on post supports		
6	1.20 m	1.15 m
10	1.80 m	1.86 m (2.315 m post to be re-cut)

Concrete footing		
10	1.80 m	2.315 m

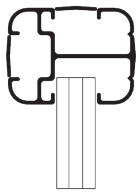


Technical features:

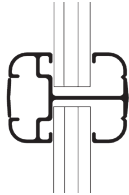
Board dimensions: 180 x 21 mm (+/- 2 mm)
Standard length: 1483 mm (+/- 5 mm)
Linear mass: 3.5 kg/ml; (+/-5%)

The post measures 50*65 mm. It has three functions:

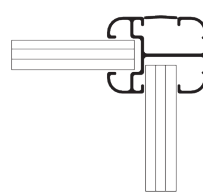
Fence starting post



Fence post

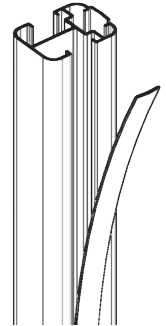


Corner post



In order to put the post into the desired configuration, the post finishing profiles built into the posts are trimmed like "soup cans". Take off the unused removable tab over the first ten centimetres with pliers, then remove the entire profile by hand (**WARNING** : gloves **MUST** be worn for this operation)

WARNING: in corner post configuration, the posts **MUST** be braced to provide additional wind resistance (above 90 km/h).



(A) FITTING POSTS WITH INSTALLATION POST SUPPORTS

Posts can be installed **with a concrete footing**. Refer to **paragraph B)** to follow the instructions regarding this type of installation. If **installing on post supports**, once the paragraph A) installation phases are complete, **refer directly to paragraph C)**.

TOOLS AND INSTALLATION



- Spirit level
- Line
- Tape measure
- M8 Allen key
- Stainless steel anchoring bolts, M10 (preferably products designed for railing installation) - 4 per post support
- Pencil (optional)

MATERIALS FOR

- Mallet

INSTALLATION PROCEDURE

We recommend that you fix post supports on a **uniform, flat and stable concrete slab with a minimum width of 20 cm**. Check the flatness of the installation surface. Fitting post supports on hollow supports (e.g. hollow blockwork) is **STRICTLY** prohibited.

When installed on dwarf walls, fences may leave marks or stains on them. The marks or stains will be washed off by the rain and will disappear in the first few weeks after installation. Be careful not to use excessively porous coatings.

THE FENCE INSTALLATION HEIGHT ON POST SUPPORTS IS LIMITED to 1.80 m (i.e. 10 stacked composite wood boards).

IN THIS CASE, CUT THE POST (originally supplied length 2.315 m) TO A LENGTH OF

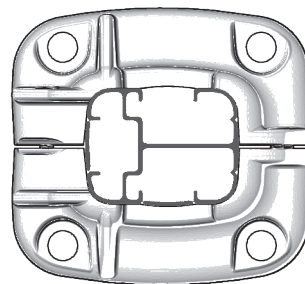
1.860 m.

POSITION the post in the post support, leaving a sufficient gap for the post to slide easily inside the cavity provided for this purpose.

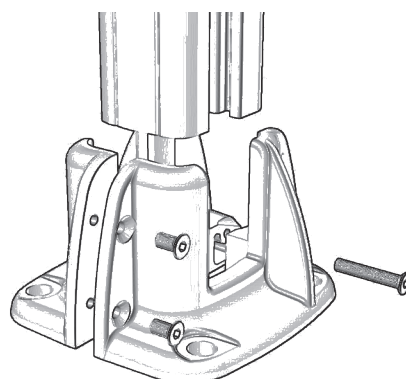
TAKE CARE WITH THE ORIENTATION OF THE POST IN THE POST SUPPORT: one of the closed sides is fixed, and cannot be removed using pliers. **It is this side that must be supported on the openworked part of the post support (see diagram opposite).**

THEN tighten the two halves of the post support against the walls of the post, while screwing in the 3 installation screws.

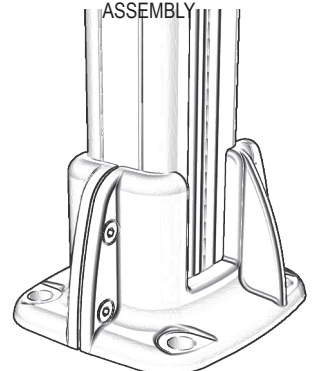
WARNING: As a reminder, the post can be cut down in height. It is **ESSENTIAL** to make sure that once all the boards have been stacked, there is a gap of 2 cm left between the cap and the last board.



POSITIONING THE POST + SCREWING



FITTED POST SUPPORT + POST ASSEMBLY



POSITION the post support + post assembly on the concrete slab.

MARK the anchor points.

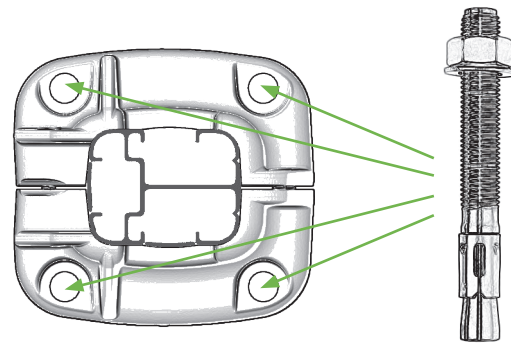
REMOVE the post support.

Drill the holes as per industry standards.

RE-POSITION the post support + post assembly (wedge where required to ensure proper support).

Insert then tighten the 4 anchoring bolts.

Do not use anchoring bolts with a diameter less than 8 mm.



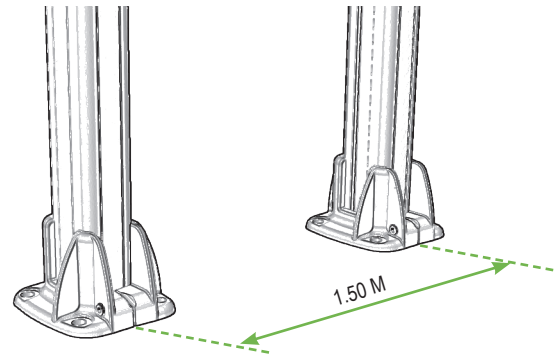
POST + POST SUPPORT (TOP VIEW)

INSTALLATION OF THE SECOND POST SUPPORT

FOR A STRAIGHT FENCE

FIX the second post support in the same way, **MAKING SURE** to respect the axis spacing of 1.50 m.

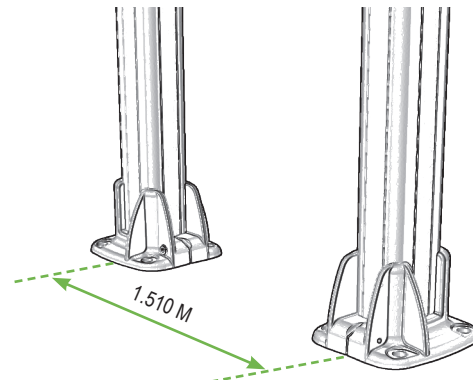
TAKE CARE TO
CORRECTLY ORIENT THE POST
SUPPORTS DURING INSTALLATION.



FOR A CORNER FENCE

FIX the second post support at 90° from the first one, **MAKING SURE** to respect the axis spacing of 1.510 m.

WARNING: Under no circumstances are we responsible for the choice of installation system used.



B) INSTALLING POSTS WITH CONCRETE FOOTINGS

FOR THIS KIND OF INSTALLATION WE RECOMMEND 2 PERSONS

POST INSTALLATION IN CONCRETE MUST BE DONE WITH THE UTMOST CARE.

It is preferable to stretch out a line between 2 stakes spaced 1.50 m apart (TOLERANCE +/- 5 mm). This dimension between the two posts **MUST** be respected to allow fence board longitudinal expansion.

TOOLS AND MATERIALS FOR INSTALLATION

- Auger
- Line
- OPTIONAL: a garden fork

- Spirit level
- Tape measure
- Mallet



INSTALLATION PROCEDURE

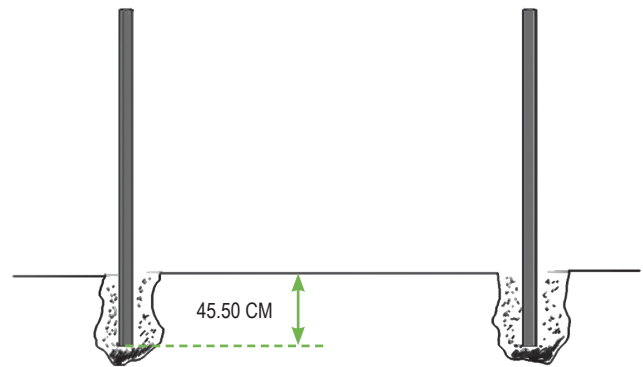
DIG the post footing holes: 30 cm in diameter, depth varying depending on the nature of the terrain.

The post must have AT LEAST 45.5 cm underground.

The installer must adapt the dimensions of the footing holes to the nature of the terrain, though without reducing the height of 1.860 m (exposed post height).

Wedge the base of the posts with stones if necessary.

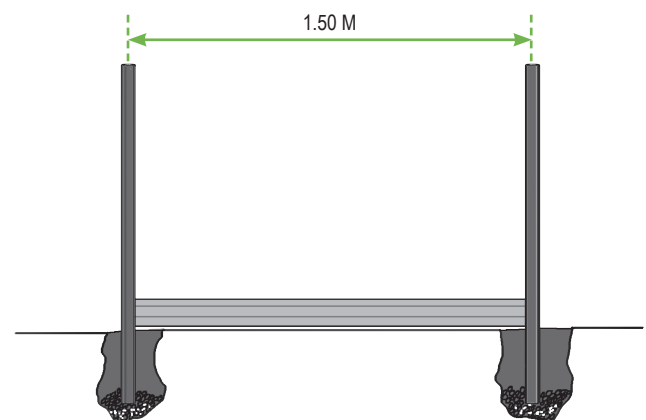
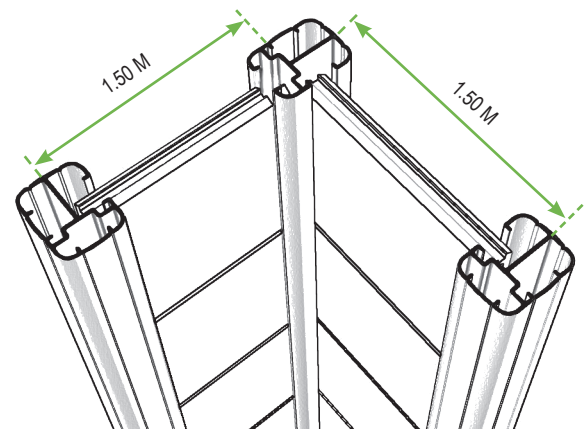
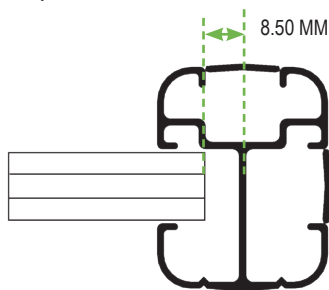
Carefully adjust the plumb and height of the posts relative to the ground.



PRE-POSITION THE POSTS IN THE HOLES.

The posts must be spaced at **1.50 m +/- 5 mm (between 2 post end stops)**, whether in the 180° or 90° configuration.

It is necessary to leave a minimum longitudinal expansion gap of 17 mm (8.5 mm each side) between the board and the post end stop.



EMBED the posts with concrete, making sure to check the plumb (using a spirit level), height and post spacing when filling in the holes.

After drying, **RE-CHECK** the dimension of 1.50 m (+/- 5 mm).

WARNING: when installing a concrete footing, the first board must not be buried in the ground. This board must under no circumstances be stressed.

C) FITTING COMPOSITE WOOD BOARDS operation to be performed after operation (A) OR (B)

INSERT and STACK the boards in the slots in the posts provided for this purpose

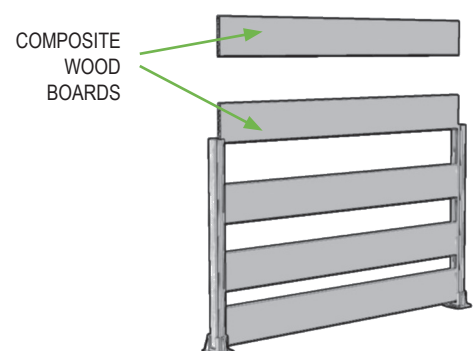
WARNING: Do not stick, solder or screw boards to each other, or onto the posts.

The boards measure 1.483 m (+/- 3 mm), and the post axis spacing must be 1.50 m.

WARNING: THE BOARDS MUST NOT BE BURIED. THEY MUST NOT BE STRESSED.



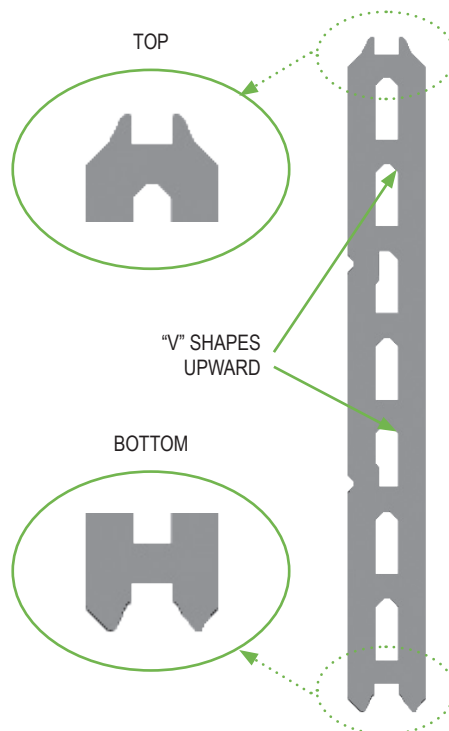
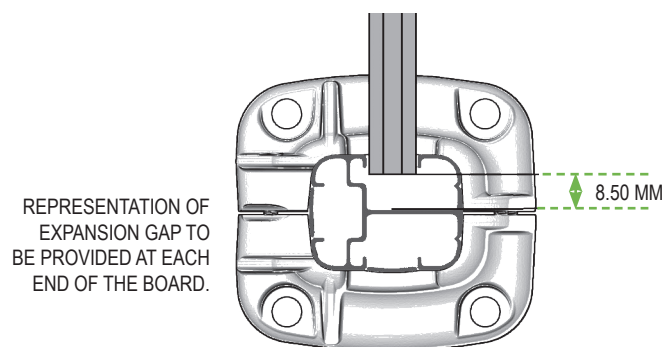
WARNING: when stacking the boards, **MAKE SURE TO** respect the bevel direction shown on the next page.



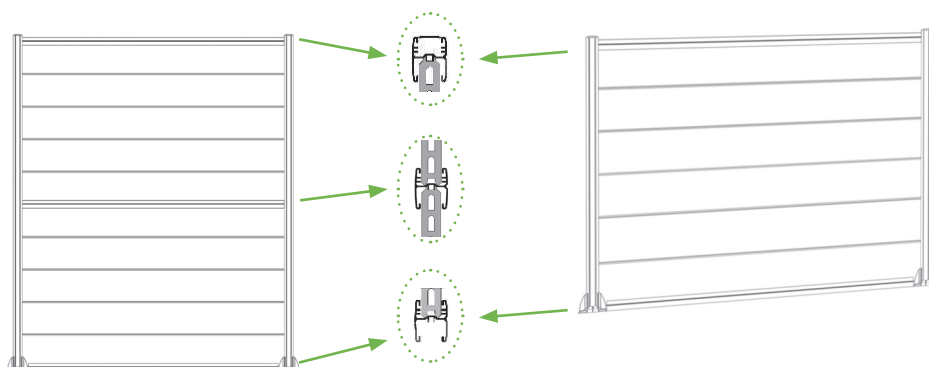
The expansion gaps on either side must be observed; i.e. 8.5 mm on either side, between the end of the board and the central rib of the post (see diagram below).

If necessary, **RECUT** the boards to respect this expansion gap.

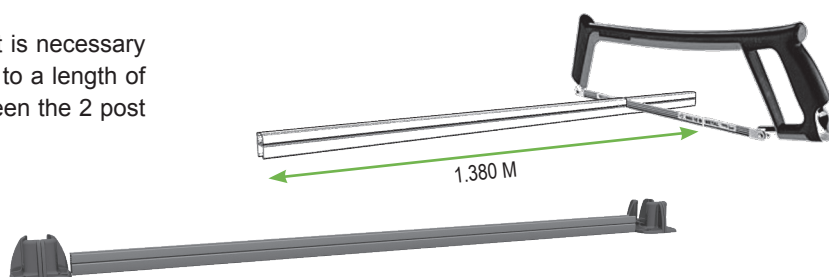
RECENTRE the boards to ensure this gap.



MANDATORY: Whatever the configuration chosen, at least 3 finishing profiles must be installed (an upper, intermediate and lower profile) for a fence with MORE than 6 boards, and at least 2 finishing profiles for a fence with FEWER than 6 boards (an upper and lower profile).

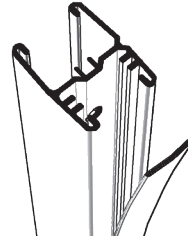


If installing a LOWER FINISHING PROFILE, it is necessary to **CUT** using a metal saw the finishing profile to a length of **1.380 m** so that it is positioned perfectly between the 2 post supports.



In the configurations “INTERMEDIATE FINISHING PROFILE” and “LOWER FINISHING PROFILE”, the removable tab needs to be removed in the same way as on the posts.

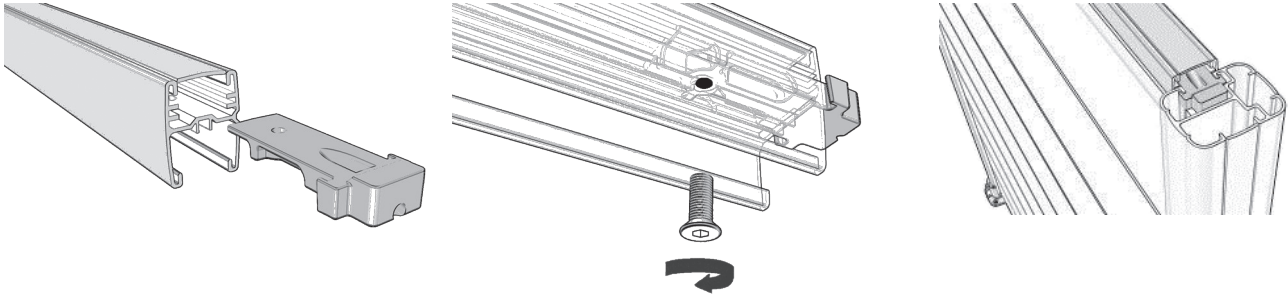
WARNING: gloves **MUST** be worn during this operation



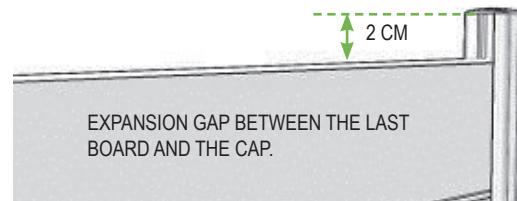
OPTIONAL:

It is possible to add a “connectors + screws kit” to secure the assembly. To do so, **INSERT** a connector on each side of the finishing profile (connector included in the connectors kit), and then **SCREW IN** the 2 TFHC M6x16 mm screws designed for this purpose. **Then mount** the assembly onto the posts.

WARNING: under no circumstances must the connectors be fixed to the posts.



Once the boards have been fitted, **CHECK** the expansion gap left between the top of the last board and the cap. The post is always higher than the stacked boards. A gap of at least 2 cm **MUST** be maintained between the top of the last board and the cap.



Finally, **REFER** directly to the paragraph entitled “FITTING THE CAP”, page 9.

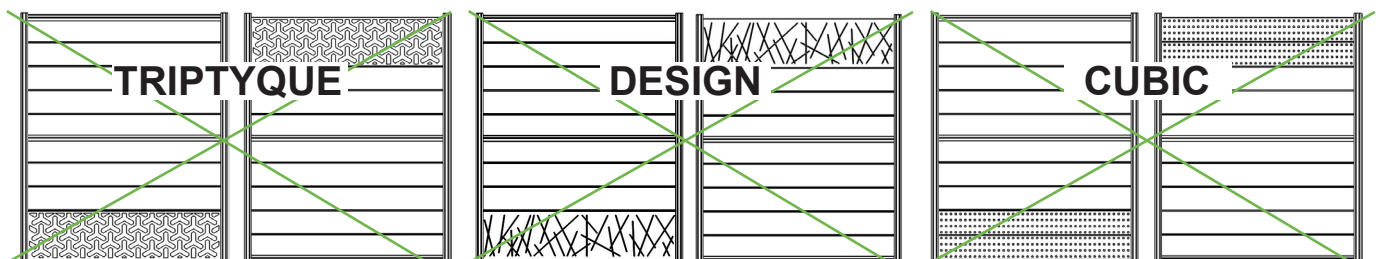
FITTING the TRIPTYQUE, DESIGN and CUBIC decorations

The TRIPTYQUE, DESIGN and CUBIC decorations are **SOLELY DECORATIVE** components. Under no circumstances can they be used as structural components subject to any forces.

They **MUST** be used when installing a PREMIUM fence comprising PREMIUM composite wood boards.

The decorations **MUST** be placed between 2 PREMIUM composite wood boards. **UNDER NO CIRCUMSTANCES** may they be fitted at the top or bottom of the fence.

PROHIBITED FITTING

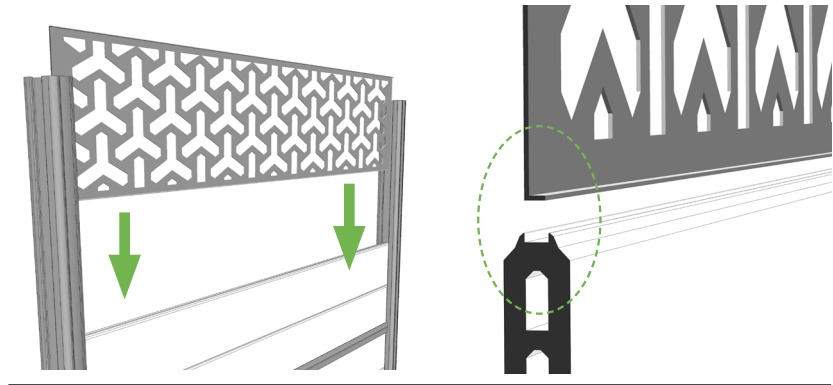


All the decorations are fitted in strictly the same way, following the fitting instructions below.

WARNING: each decoration replaces **TWO BOARDS**.

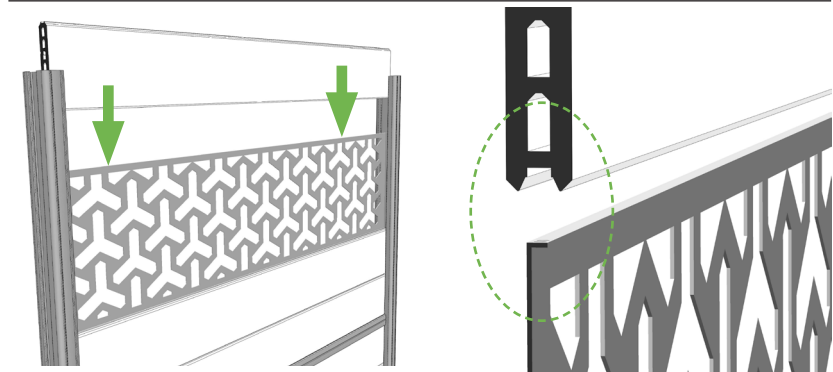
STEP 1.0:

INSERT the TRIPTYQUE, DESIGN or CUBIC decoration in place of **2 boards**, taking care to position the decoration at the bottom of the slot in the lower board.



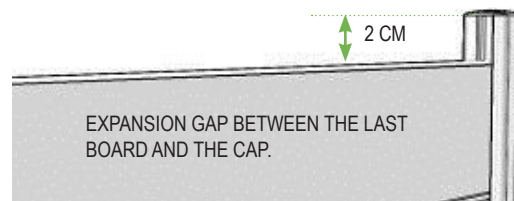
STEP 1.1:

INSERT the upper composite wood board, taking care to position the decoration at the bottom of its slot.



STEP 1.2:

CHECK the expansion gap left between the top of the last board and the cap. The post is always higher than the stacked boards. A gap of at least 2 cm **MUST** be maintained between the top of the last board and the cap.



Finally, **REFER** directly to the paragraph entitled “**FITTING THE CAP**”, page 9.

FITTING GLASS OR ACRYLIC panels

The GLASS and ACRYLIC panels are **SOLELY DECORATIVE** components. Under no circumstances can they be used as structural components subject to any forces.

They **MUST** be used when installing a PREMIUM fence comprising PREMIUM composite wood boards 1.80 m in height.

Glass and acrylic panels may be fitted SEPARATELY in 2 different configurations:

- Either between 2 composite wood boards
- Or at the top of the fence (NEVER fit a GLASS or ACRYLIC panel at the bottom of the fence).

WARNING: the GLASS decoration and ACRYLIC panel replace **TWO fence BOARDS**.

If you wish to fit the glass panel (or acrylic panel) **at the top of the fence**, **REFER** to the paragraph entitled “**FITTING A GLASS OR ACRYLIC PANEL AT THE TOP OF A FENCE**”

If you wish to fit the glass panel (or acrylic panel) **between 2 fence boards**, **REFER** to the paragraph entitled “**FITTING A GLASS OR ACRYLIC PANEL BETWEEN 2 FENCE BOARDS**”

FITTING A GLASS OR ACRYLIC PANEL AT THE TOP OF A FENCE

WARNING: fitting a glass or acrylic panel at the top of a fence requires 3 additional products (PREMIUM range products sold separately):

- a panel connectors kit
- a rubber seal
- a finishing profile. The profile comes in anthracite grey, light grey, white or brown.

STEP 2.0: Fitting the connectors

INSERT a connector on each side of the finishing profile (connector included in the connectors kit).

STEP 2.1: Fitting the installation screws

Then **SCREW IN** the 2 TFHC M6x16 mm screws, designed for this purpose.

STEP 2.2: Fitting the rubber seal

Once the “finishing profile + 2 connectors + 2 screws” sub-assembly has been prepared, **INSTALL** the rubber seal on the GLASS or ACRYLIC panel.

APPLY some soapy water using a sponge on the edge of the panel (in order to subsequently facilitate fitting the seal).

Then **MOUNT** the rubber seal on the panel (glass or acrylic). You need only fit it by hand.

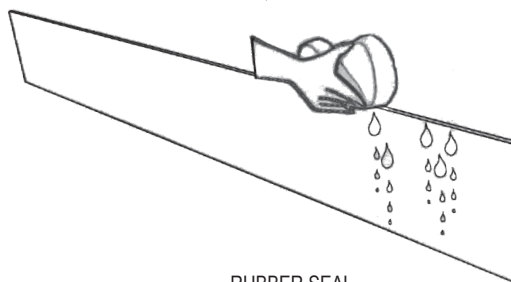
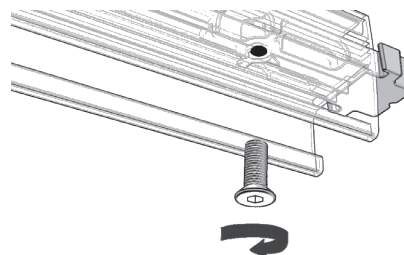
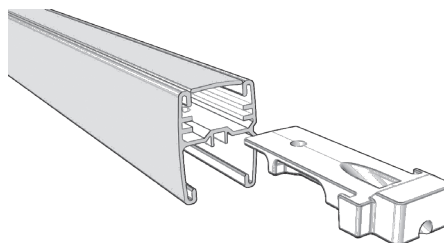
Make sure that the seal is centred on the panel (lengthwise). It is also **IMPORTANT** for the panel to reach the bottom of the seal slot (see diagram below).



STEP 2.3: Assembling the seal + finishing profile + panel sub-assembly

Mount the “finishing profile + connectors + screw” sub-assembly onto the seal and panel (glass or acrylic).

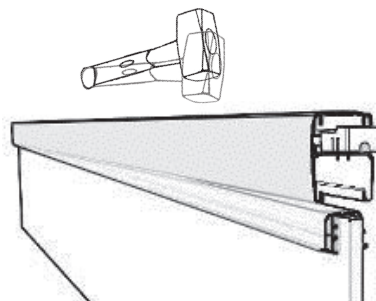
You can use a mallet to facilitate mounting the finishing profile onto the seal.



RUBBER SEAL

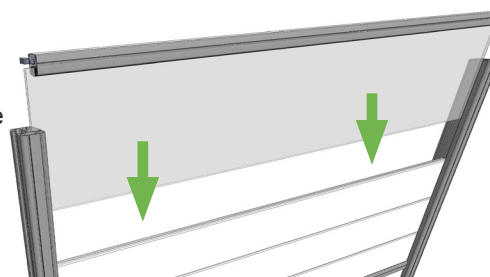
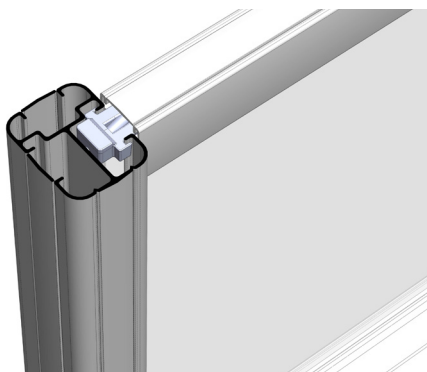


GLASS OR ACRYLIC PANEL

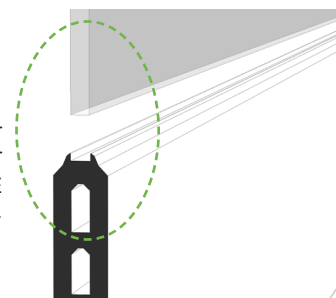


STEP 2.4: Installing the assembly on the fence

INSERT the assembly into the posts, taking care to insert the connector guides inside the post slot (see diagrams below).



THE GLASS OR ACRYLIC PANEL MUST BE INSERTED IN ITS LOWER PART INSIDE THE SLOT IN THE COMPOSITE WOOD BOARD.

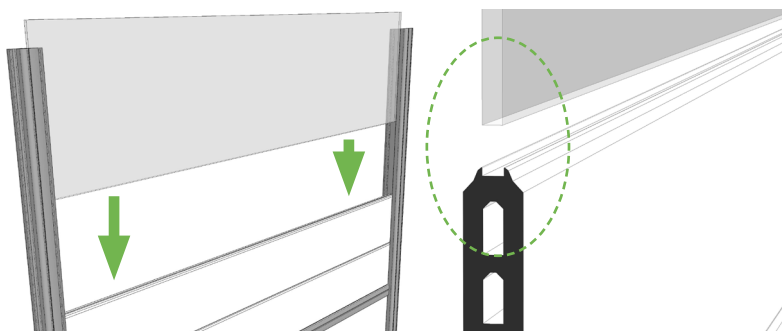


Finally, **REFER** directly to the paragraph entitled “FITTING THE CAP”, page 9.

FITTING A GLASS OR ACRYLIC PANEL BETWEEN 2 BOARDS

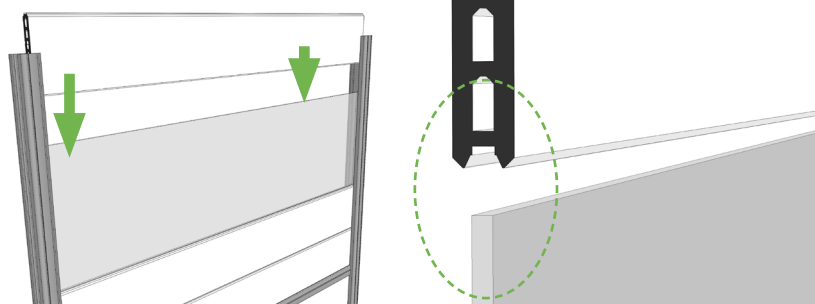
STEP 3.0:

INSERT the ACRYLIC panel or GLASS panel in place of the 2 composite wood boards, taking care to position the decoration at the bottom of the slot in the lower board.



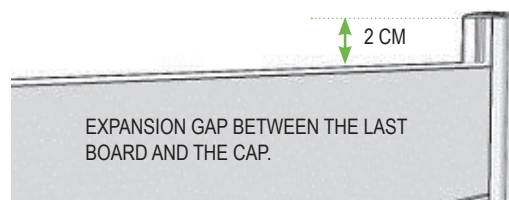
STEP 3.1:

INSERT the upper composite wood board, taking care to position the decoration at the bottom of its slot.



STEP 3.2:

CHECK the expansion gap left between the top of the last board and the cap. The post is always higher than the stacked boards. A gap of at least 2 cm MUST be maintained between the top of the last board and the cap.



Finally, REFER directly to the paragraph entitled “FITTING THE CAP”.

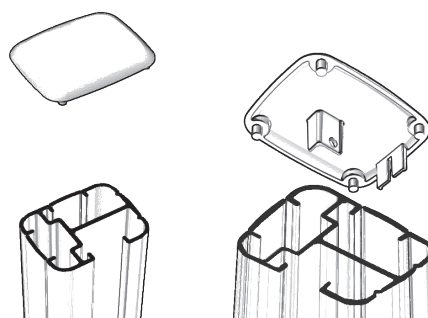
FITTING THE CAP

MOUNT the cap on the post.

Fitting must be done manually. If necessary, use a mallet (or a hammer with a wooden wedge) to finish driving it on (we strongly advise against using any sharp tool which could damage the paintwork).

Do not mechanically fix the cap on the post.

WARNING, make sure to fit the cap onto the post the right way round: the two cap retaining hooks must be fitted on the profile's central rib.



Consult your local council regarding the legislation in force governing the installation of fencing.

Forexia® composite wood is not a so-called conventional product. Please inform your insurance company.

The colour of the Forexia® composite wood boards changes during the first few weeks after installation. Therefore, when ordering an additional board, a slight colour difference may be noted compared to the existing installation. This will fade over time. Nevertheless, differences in colour may persist between one board and another, or between different batches, since the wood we use in our production comes from various sources. Similarly, the colours and the finishing of the samples we provide are not contractually binding.

Fence boards are guaranteed against termite and fungi attack: 20 years for residential use and for 10 years for public or commercial use. This guarantee is limited to the supply of replacement boards.

● MAINTENANCE AND PRECAUTIONS FOR USE

In addition to the information provided below, please refer to our maintenance sheet delivered with the boards. It is available from our distributors, and can be downloaded from our website www.composite-premium.com. We can also simply send you one on request. This sheet must be handed over to the end user of the products.

FENCE BOARDS

Normal maintenance will keep a fence in good general condition. We recommend washing the fence with water and a brush, brushing lengthwise along the boards, at least twice a year.

- For standard cleaning, to remove grease and oil stains, or to remove stains derived from pollution or plant materials, use a product containing a mild dilute detergent.
- For stubborn scratches or stains, use a brass brush, taking care to wet the boards first to prevent them from bleaching. Brushing or sanding may result in a slight discolouration that will lessen over time.
- For dirt stains, refer to the Composite Premium fence maintenance sheet, available on the website <http://www.composite-premium.com>
- Do not use solvents, apply surface coatings or paint.
- FOREXIA® composite wood fence boards do not require any special protection.
- WARNING: Damp stains may appear in shaded or semi-protected areas (plants, covered areas...). These stains will disappear naturally over time upon exposure to UV and the elements. It is possible to accelerate this process by cleaning the area concerned using a scrubbing brush and a product containing a mild dilute detergent (applying lengthwise to the board).
- Depending on the fence's exposure, the weather, the hygrometric variations and temperature variations, wood composite fencing boards can suffer "warping".
- For configuration without a finishing profile, the warping tolerance is 15 mm per metre run. For configuration with 3 finishing profiles, the warping tolerance is 10 mm per metre run.

GLASS AND ACRYLIC PANELS

- We **STRONGLY** advise against applying any product containing acid, and advise against any kind of solvent.
- If you wish, you can clean the panels using a standard glass product, taking care not to use a sanding sponge, sandpaper or any other abrasive product

POST SUPPORTS, POSTS AND CAPS, and METALLIC ACCESSORIES (TRIPTYQUE, DESIGN and CUBIC decorations)

- These components comprise aluminium or treated steel based alloys. If you wish, they can be maintained with regular cleaning products. After washing, rinse thoroughly in clean water without any additives. Never use products like petrol, acetone, alcohol, alkaline or acid products, sanding sponges, sandpaper; any abrasive in general.
- We **STRONGLY** advise against applying any product containing acid and advise against use of any kind of solvent, which could affect the paint.

● STORAGE AND HANDLING

- We advise users to store fence components in their original packaging, protected from UV and bad weather exposure.
- Furthermore, we will not be held liable for any damage to a product that has not been kept in its original package.
- Composite Premium fence boards must be stacked on a dry, flat surface, in a well ventilated place, so that they do not suffer any deformation.

● RECYCLING AND END OF LIFE

As for all household waste, it is forbidden to burn composite wood in the open air (article 84 of the French Departmental Sanitary Regulations). We also strongly advise against using composite wood as boiler fuel. Indeed composite wood combustion produces a significant quantity of clinker. We strongly advise against using composite wood in barbecues.