

INSTALLATION MANUAL

bellame®
DECK BOARD



INSTALLATION MANUAL ON
bellame-terrasse.com

Edition 02-2024 / Le Bois des Brosses 89380 Ravières
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SUMMARY

P3. General information

P5. Introduction to installation

P6. Preparation

P7. Fixing of joists

P9. Installation of BELLAME decking Boards

P12. Installation of finishing profile

GENERAL AND PRODUCTS

WARNING

Only use our accessories in order to maintain our warranty.

It is essential to mix the products before installation for the following reasons:

All our profiles are made from material batches. In the event of an additional delivery, a difference in shade may occur (e.g., when extending a site or if a few profiles are missing).

The printed decor may result in a repetitive pattern.

Check the visual appearance during installation by regularly stepping back.

INSTALLATION

The installation of BELLAME decking boards is straightforward, provided the elements are properly laid out and the installation guidelines are followed. TECNOPROFILS offers technical support during the installation process upon request by the installer.

SUPPLY

TECNOPROFILS does not carry out the installation itself; it is responsible for distributing and delivering the BELLAME decking board system components to its clients.

All other components must be directly supplied by the installer, in accordance with the installation instructions of the BELLAME decking board system.

It is essential to use and combine the products shown in this guide.

SCOPE OF USE

This installation guide applies to the outdoor arrangement of residential spaces (terraces, pool surrounds) and does not cover use in public facilities.

For such use, a prior technical feasibility study is required, in compliance with regulatory constraints.

Our decking boards are designed exclusively for outdoor pedestrian use.

MAINTENANCE

BELLAME products do not require special maintenance: Clean immediately in case of soiling (a non-aggressive soap may be used).

Maintenance can also be performed using a pressure washer (maximum 80 bars and without a rotary nozzle) at a distance of 30 cm.

Always use non-aggressive cleaning products.

WARRANTY

Thanks to their intrinsic rot-proof quality, BELLAME decking boards are protected against beetle or fungal attacks. They are resistant to aging and weather conditions. In case a defect is identified at the time of purchase, TECNOPROFILS will only replace the defective product.

It is essential to use and combine the products shown in this guide.

STORAGE

All our profiles must be stored flat and protected from weather and sunlight.

All our product ranges come with installation instructions. These are available on our website www.tecnoprofils.com or upon simple request.

REQUIRED TOOLS



DRILL



CIRCULAR SAW
(FINE-TOOTHED BLADE)



PVC GLUE



METER

PICTOGRAMS



GLUE

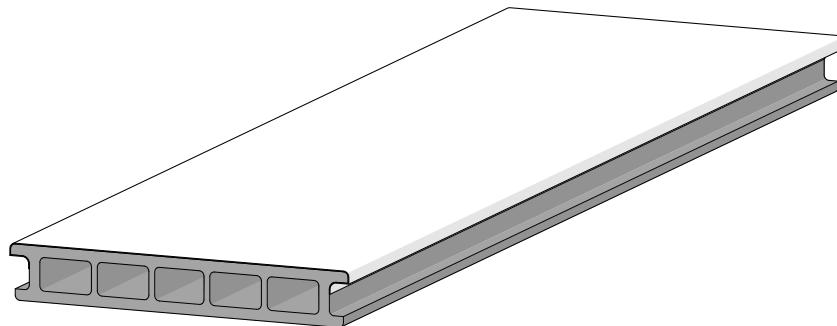


CORRECT



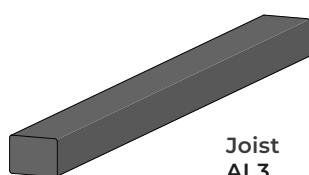
INCORRECT

BELLAME DECK BOARD



ACCESSORIES

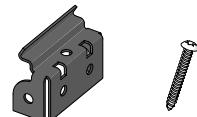
Fixings



Joist
AL3

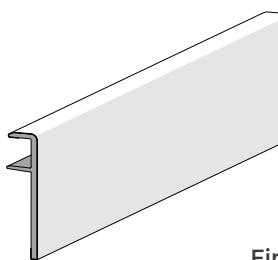


BELLAME Clip + screw



Starter Clip + screw

Finishing



Finishing profile

INTRODUCTION

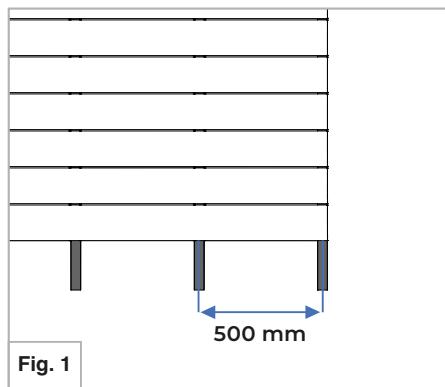
SUBSTRATE PREPARATION

- The deck must be supported by a flat structural element such as a concrete slab.
- Check the flatness and perfect stability of the support.
- Implement a slight slope to facilitate the drainage of rainwater.
- The joists will be arranged parallel to the slope of runoff.

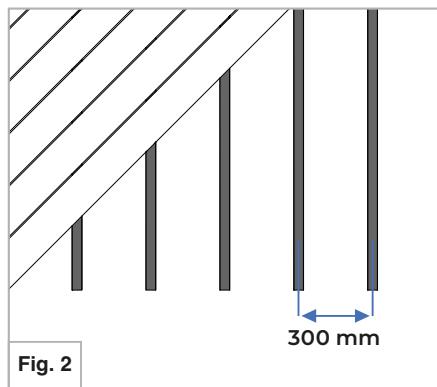
DIRECTION OF BOARDS

The spacing between joists is determined based on the choice of orientation of the boards.

STRAIGHT POSE



LAYING AT 90°



LAYING AT 30°

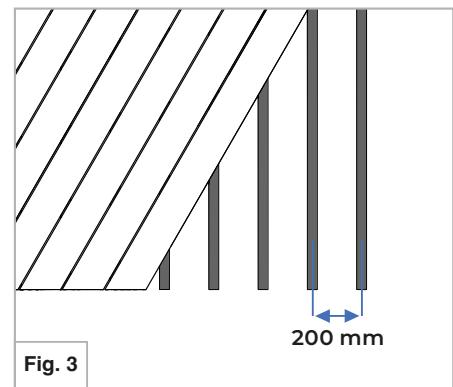


Fig. 1

Fig. 2

Fig. 3

ORIENTATION OF JOISTS



Fig. 4

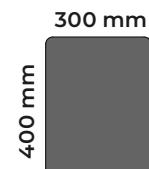


Fig. 5

PREPARATION

CUTTING PROFILES

BELLAME
deck board

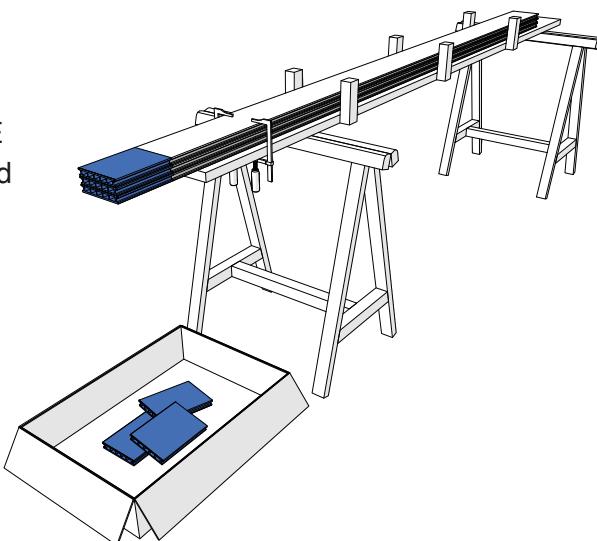


Fig. 6



All cuts must be perpendicular to the profiles.

Joists

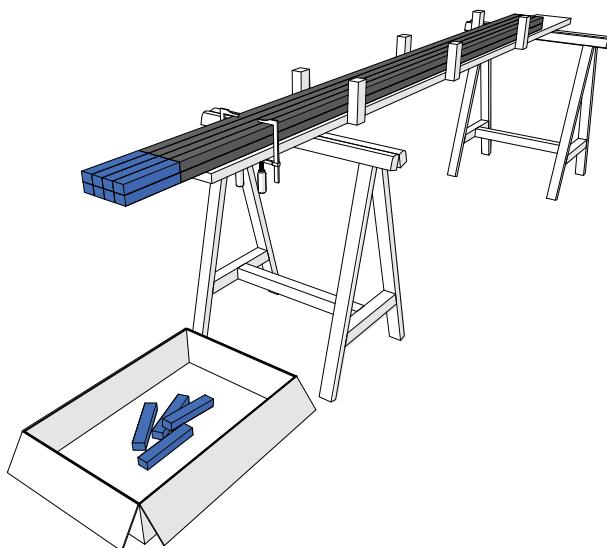


Fig. 7



All cuts must be perpendicular to the profiles.

FIXING THE JOISTS

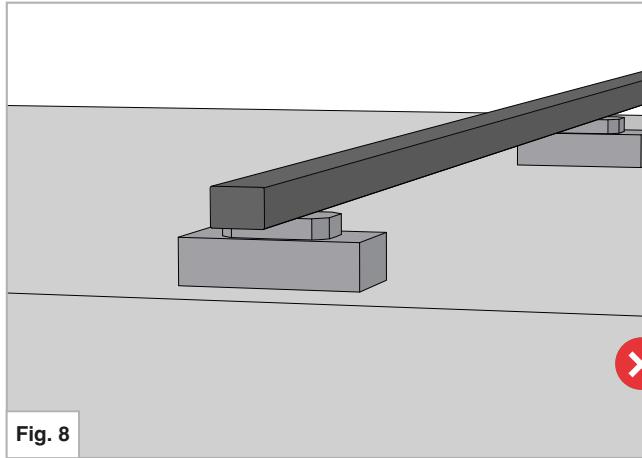


Fig. 8

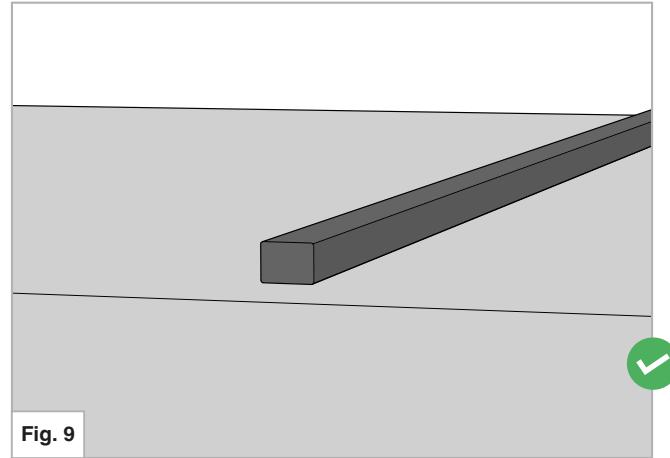


Fig. 9

Joists are not structural and should not be raised using posts or any other means.

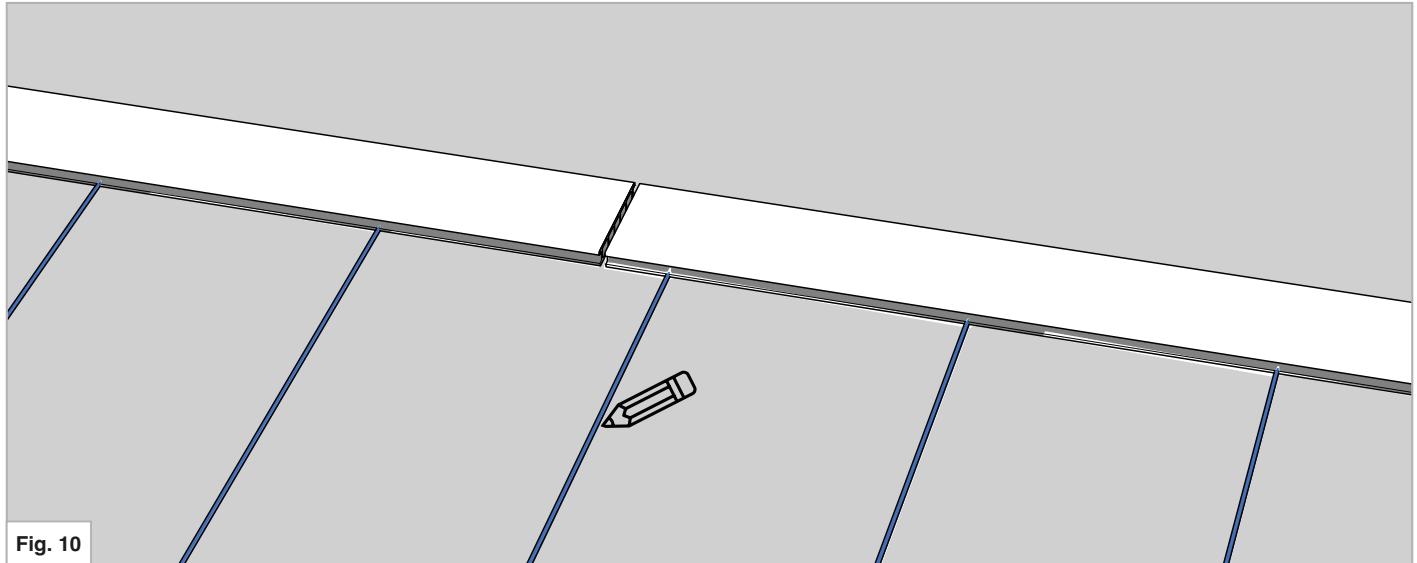


Fig. 10

Place the first deck board on the ground and trace the location of the joists beforehand, respecting the spacing determined by the orientation chosen for the deck board (Cf. Fig 1, 2 and 3).

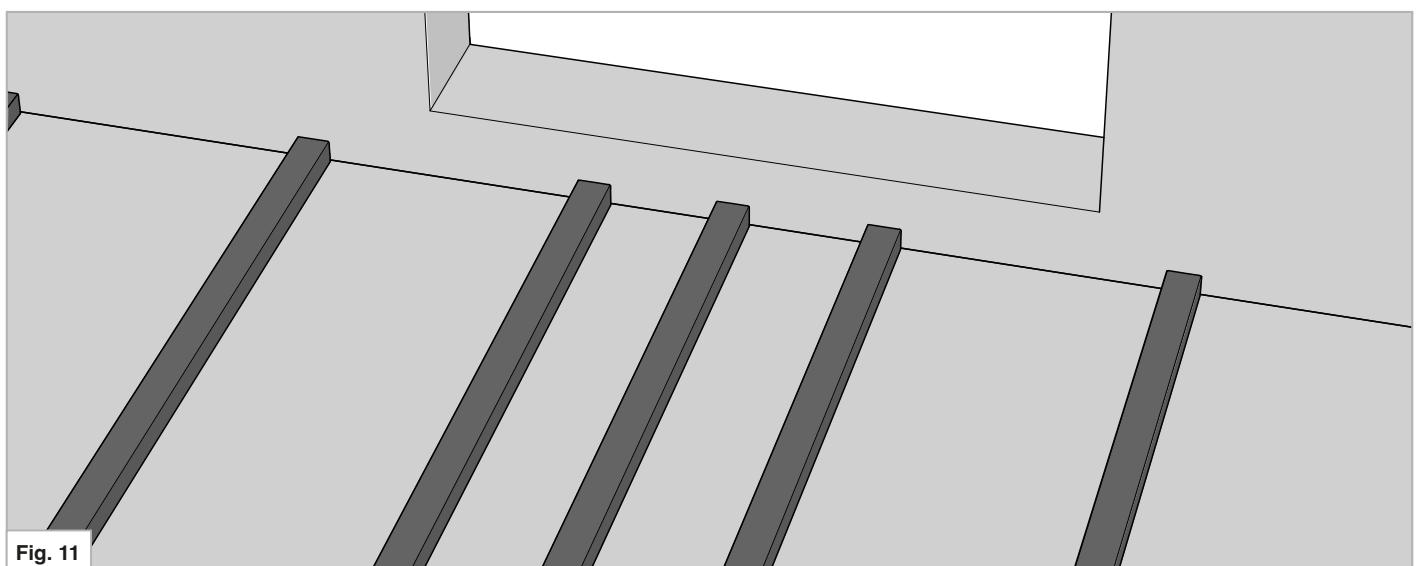
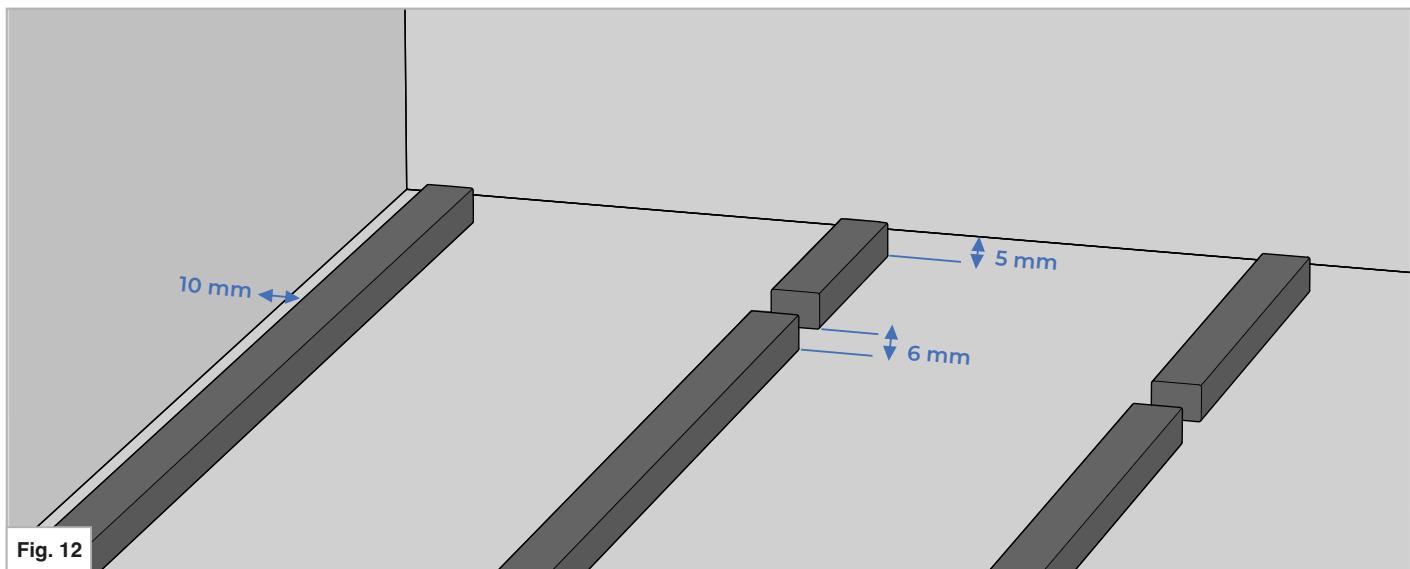


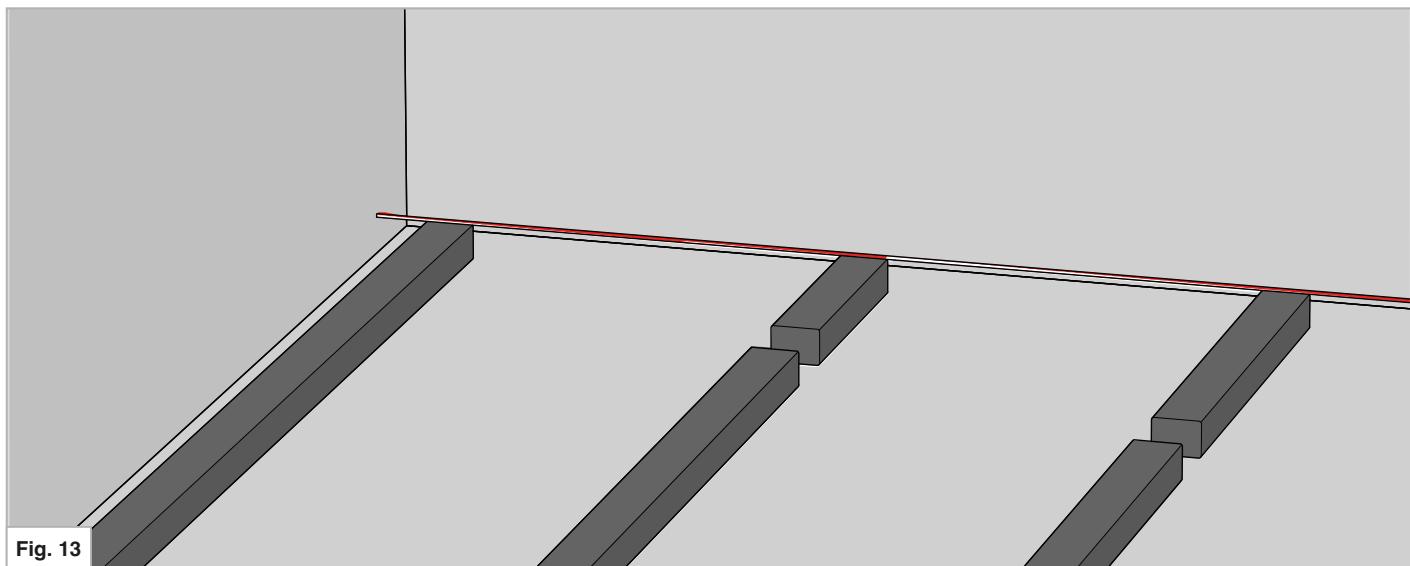
Fig. 11

In front of each door, bay window or frequent traffic area, double the joists.

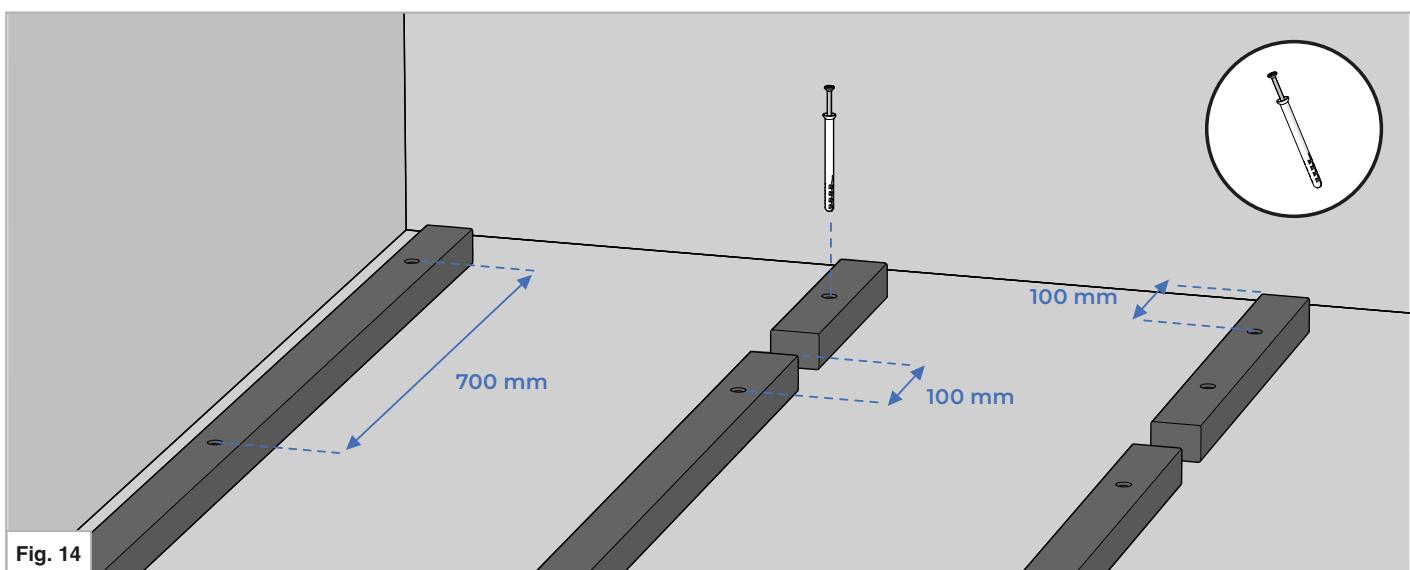
FIXING THE JOISTS



Provide an expansion clearance at the periphery and at the extremity of the boards, respecting the distances above.



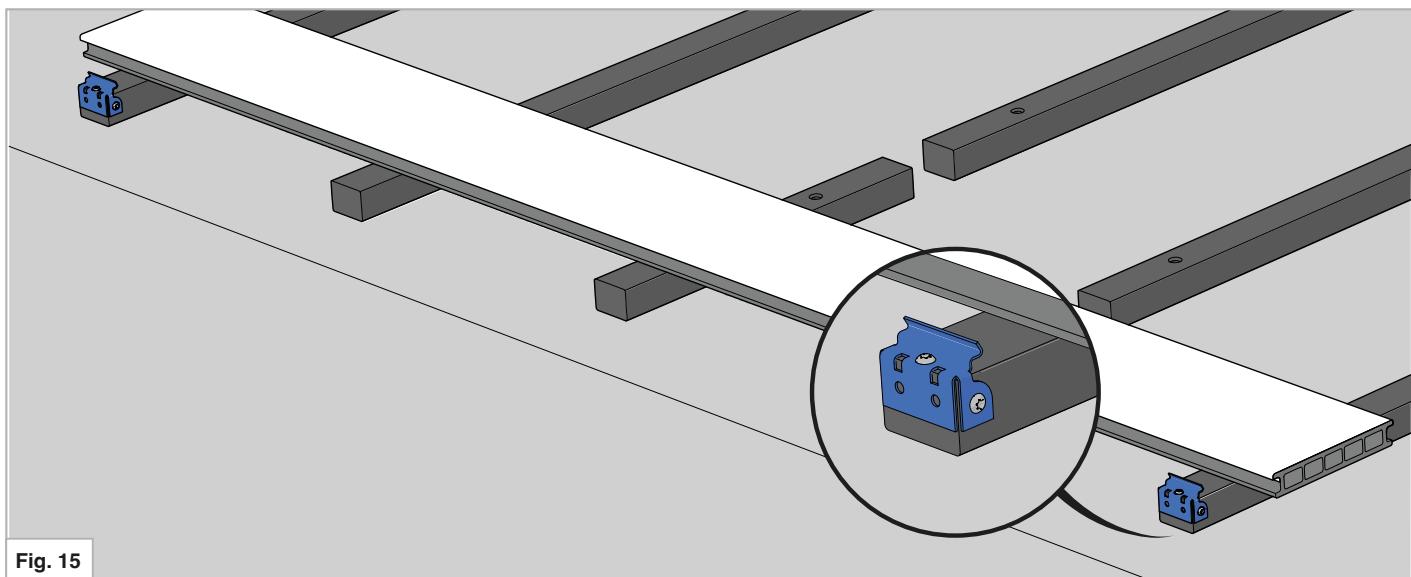
The joists must be perfectly aligned at the edges.
To do this, use a cord to create a straight line.



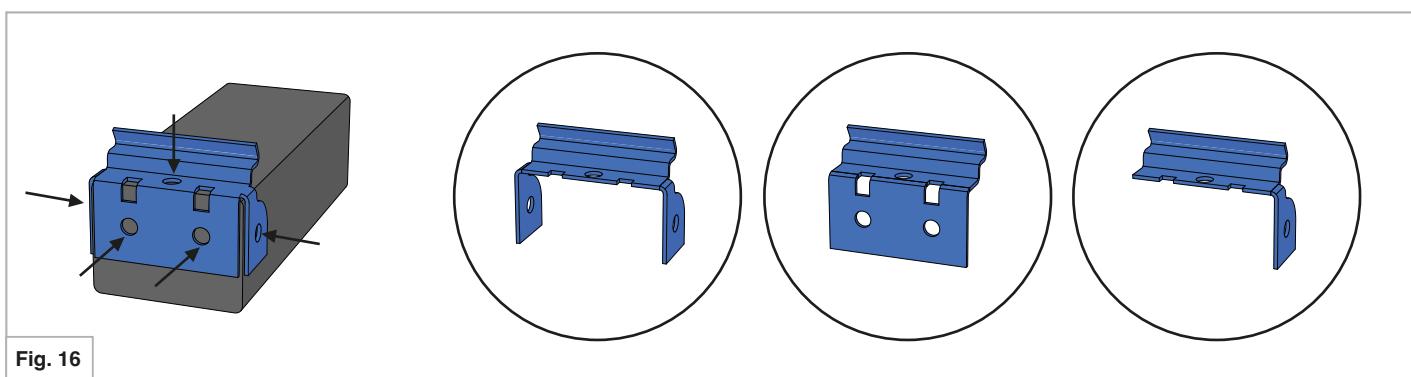
Fix the joists using MEP hammer anchors, respecting the drilling distances above.

INSTALLATION OF DECK BOARD BELLAME

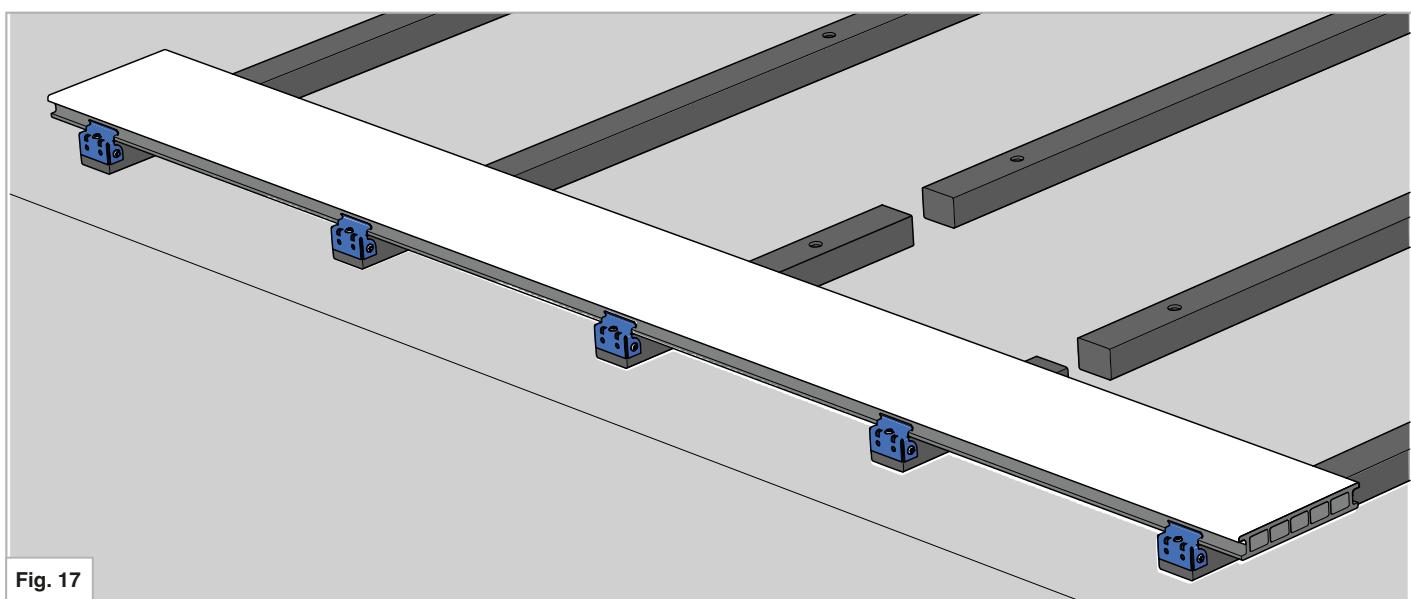
INSTALLATION OF THE STARTING CLIP



Attach the starting clips to the ends of a length of board on the first and last joists.



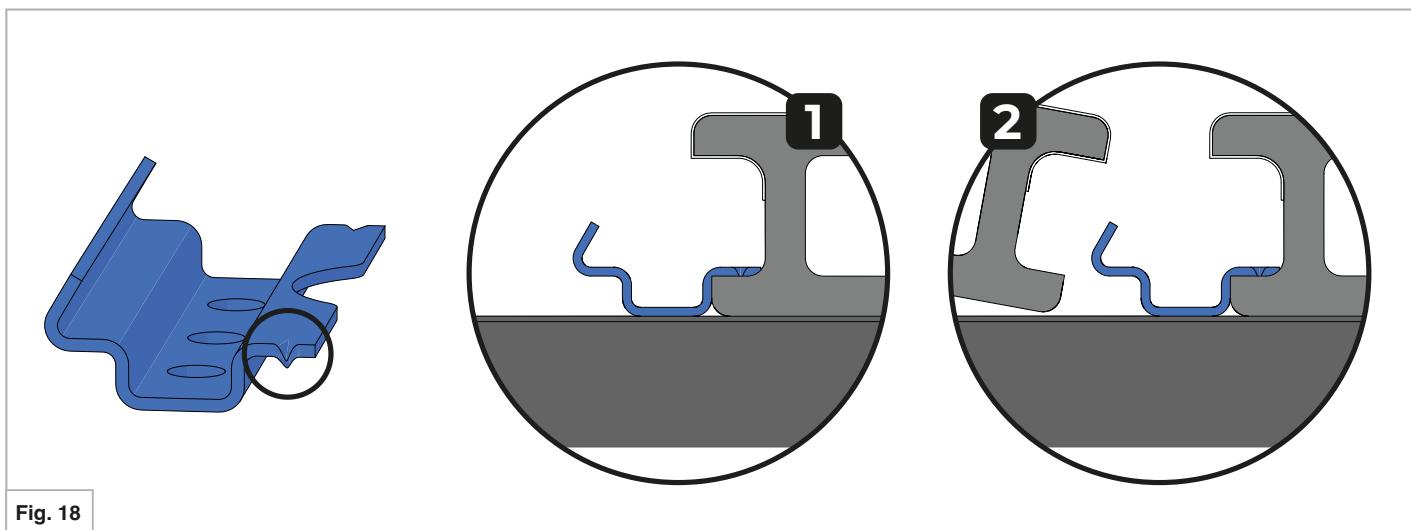
Fix the starting clip as desired; it must have at least 2 fixing points. The MEP starting clip can be pre-cut with a grinder according to the shape and constraints imposed by the joist.



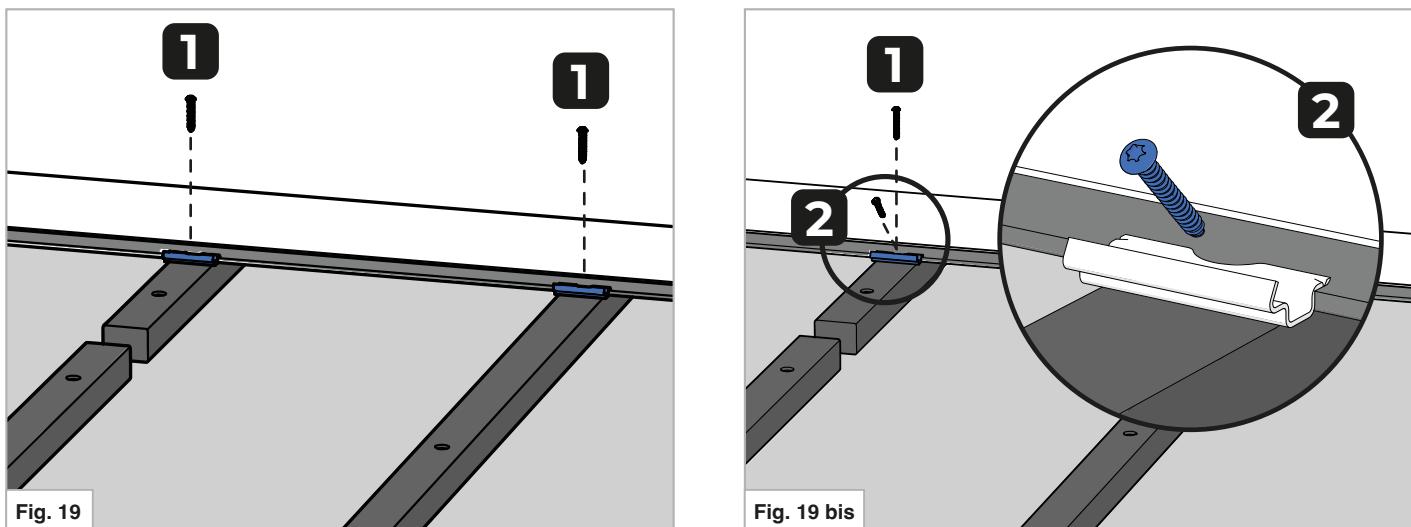
Once the board is in place, align the remaining clips and gradually secure them. To facilitate the installation of the clips, the board can be removed progressively

INSTALLATION OF DECK BOARD BELLAME

INSTALLATION OF THE BELLAME CLIP

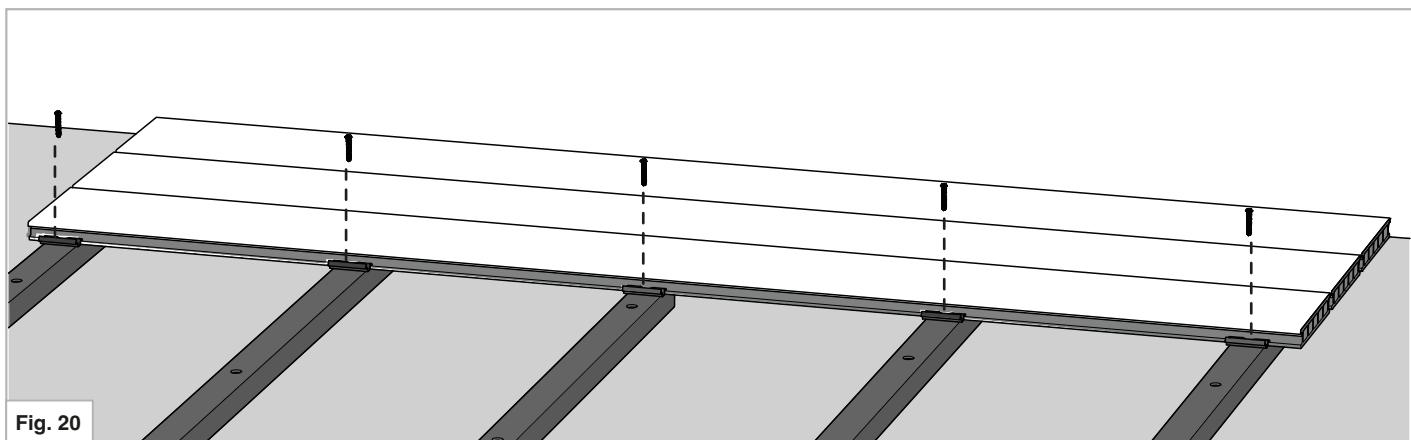


The BELLAME clip has hooks which ensure the deck boards are held in place; these must be in the direction of the first deck board. The rounded edge assists in positioning the next board.



The deck boards are fixed using a clip and a screw positioned vertically in the center.

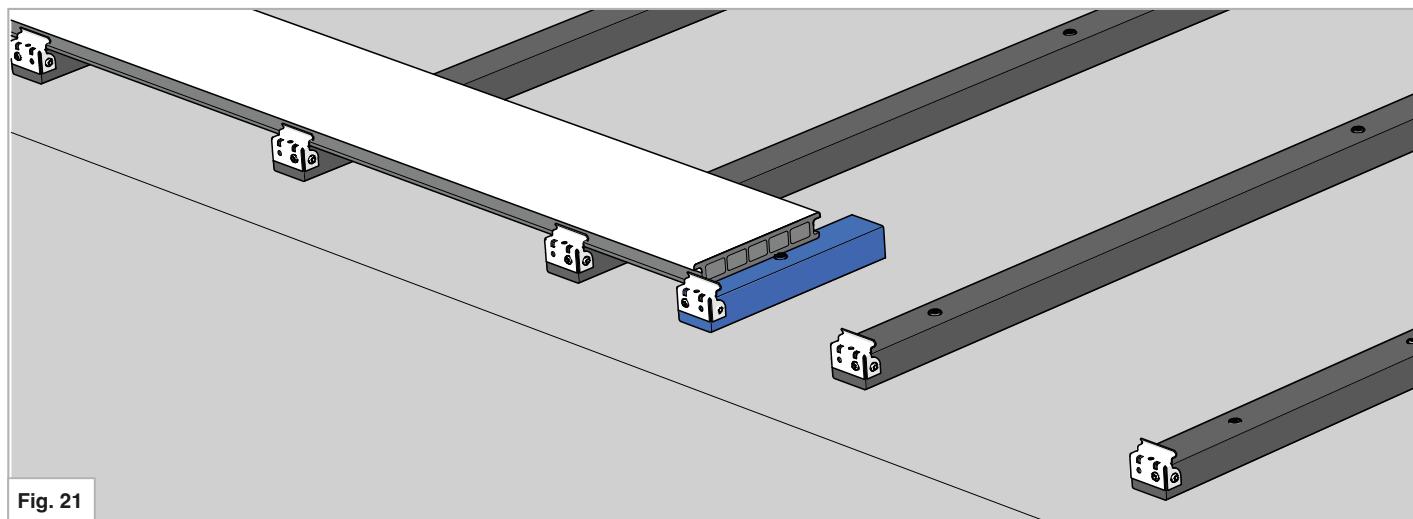
It is necessary to create a fixed point in the middle of each the deck board in order to control expansion. This should be positioned on the clip closest to the middle of the deck board, as illustrated above.



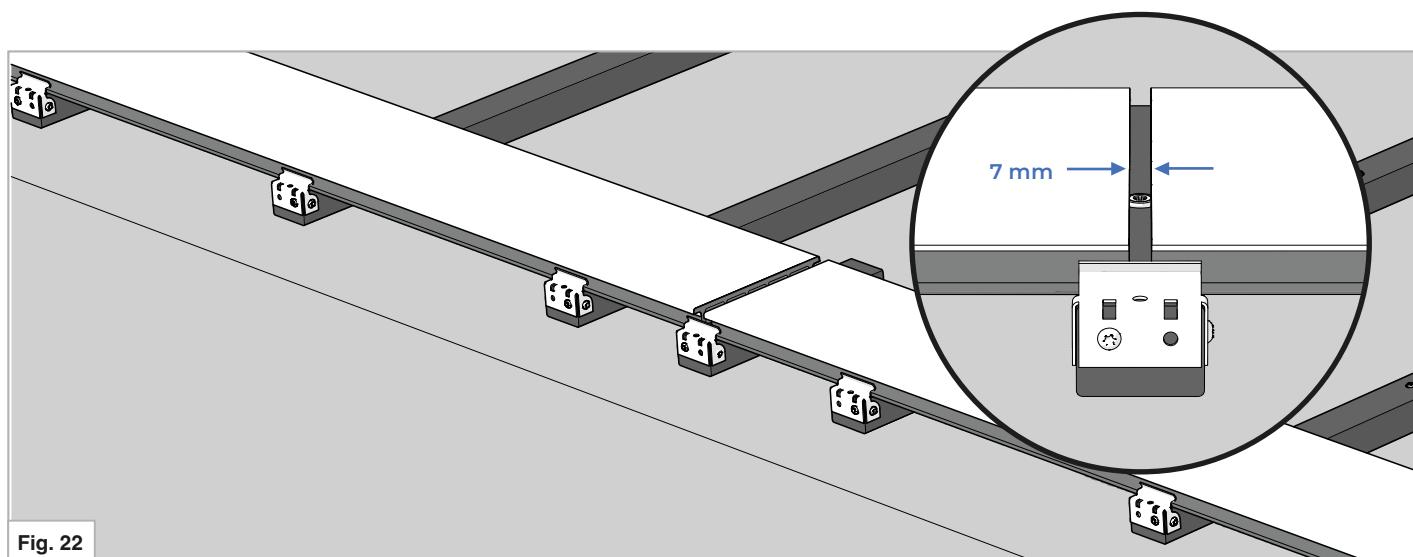
Install the deck board and clips. Repeat the operation over the entire terrace.

INSTALLATION OF DECK BOARD BELLAME

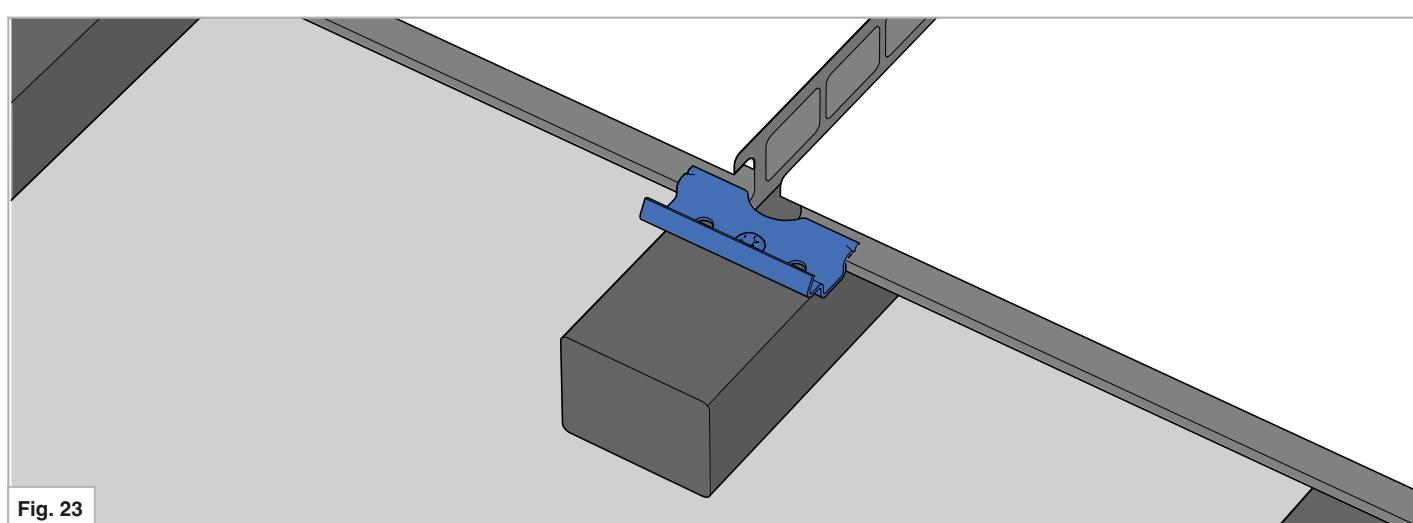
JOINTING BETWEEN TWO DECKING BOARD



To facilitate the laying of the deck board at jointing, cut a piece of a joist of a length at least 200 mm and secure it at the joint.

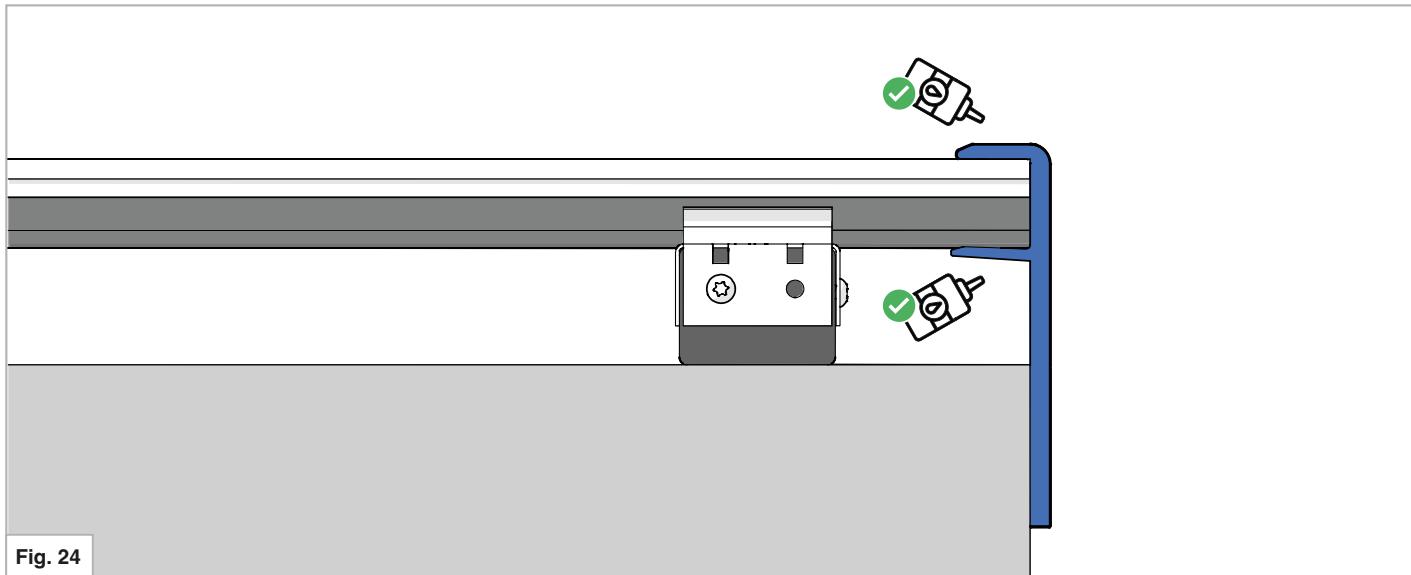


The gap between 2 BELLAME deck board is 7 mm.

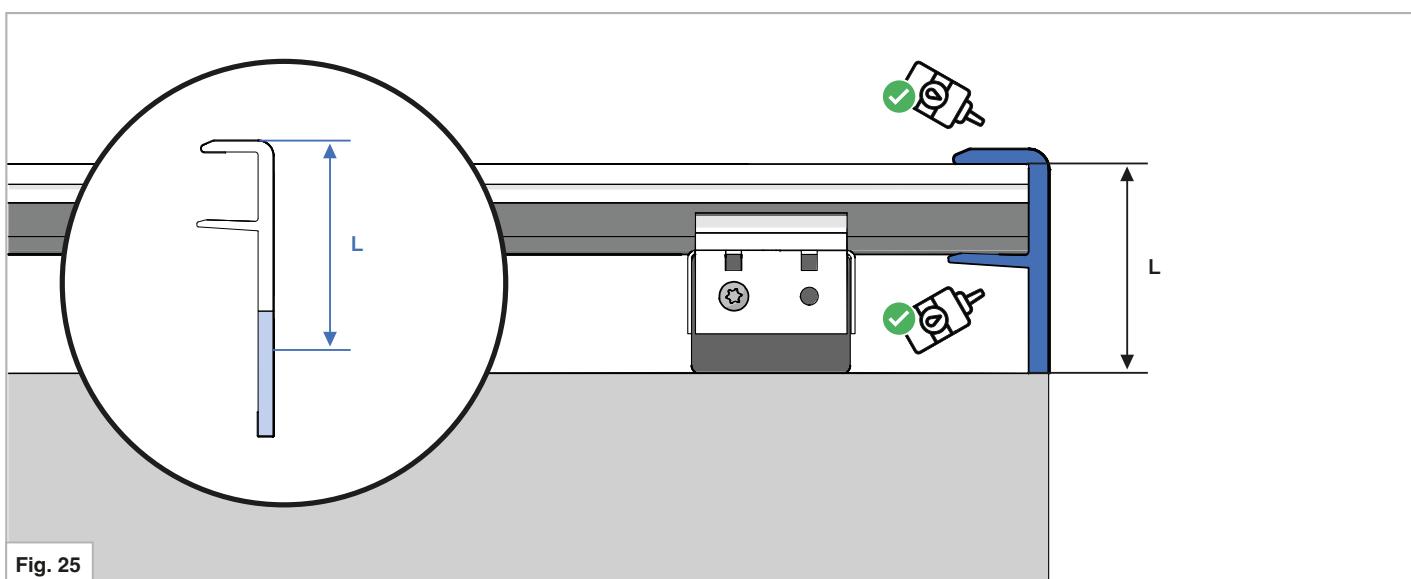


Attach a first clip, insert the deck board, and add the second clip to finish the joint.
The deck boards are thus maintained.

FINISHING PROFILE INSTALLATION



The finishing profile is fixed by gluing with MEP PVC glue.



If the height of the finish is too high, it can be adjusted by trimming it lengthwise.