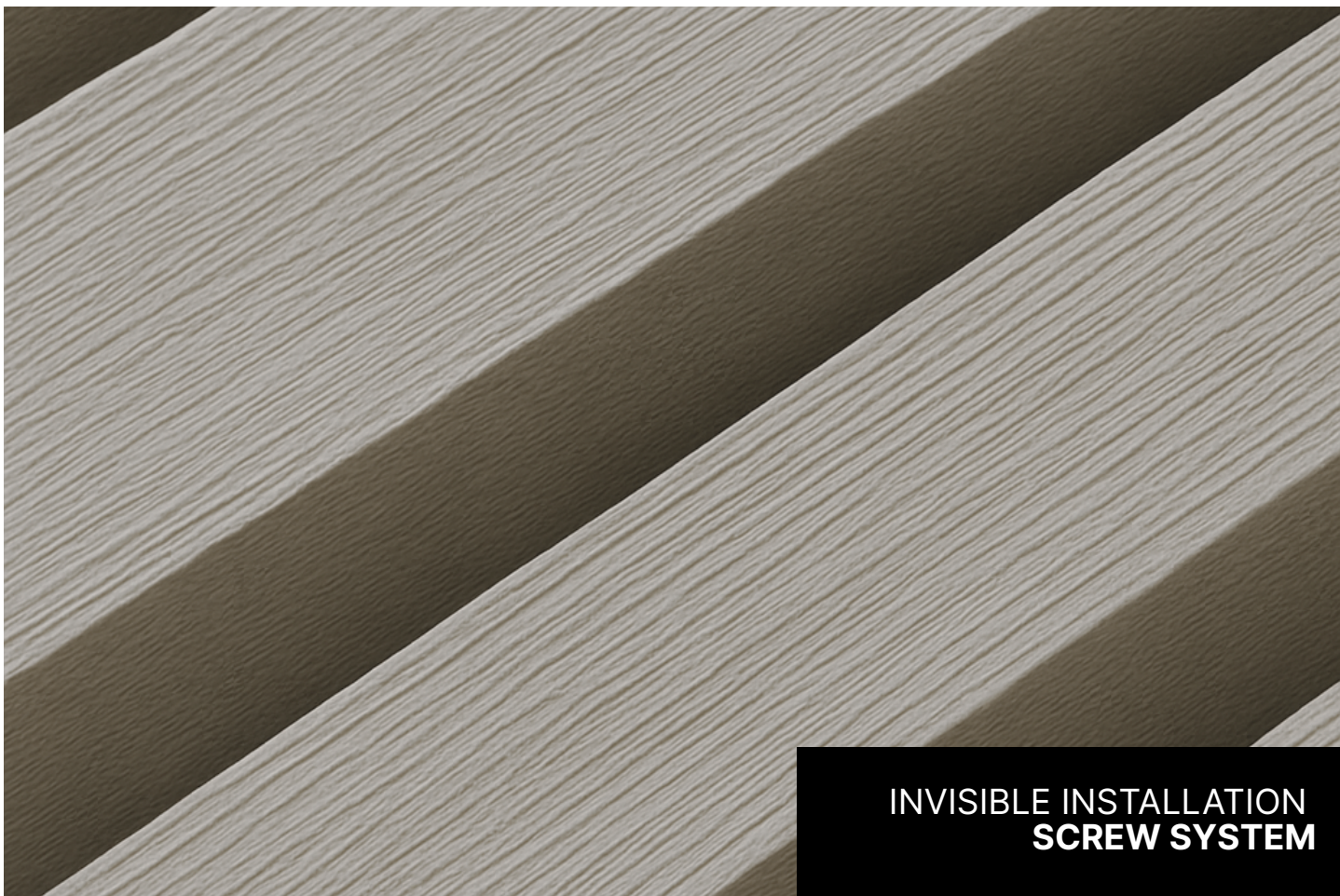


MIBACOMP



EN

INSTALLATION MANUAL Composite cladding boards



INVISIBLE INSTALLATION
SCREW SYSTEM

MIBACOMP

WPC composite cladding is a system of decorative and structural boards designed for interior and exterior wall applications.

Manufactured using composite technology and protected with a 360° protective layer, it provides high moisture resistance, dimensional stability, and low maintenance.

Main advantages

- Resistant to moisture and weathering
- Easy to clean and maintain
- No painting or additional treatments required
- Hidden fastening system with panel overlap
- Modern and uniform appearance

REQUIRED MATERIALS

Element	Description / Use
Cladding boards	Composite panels for wall cladding with a decorative finish and hidden fastening system.
Battens (base structure)	Structural support profiles attached to the wall to hold cladding boards.
Screws	Fastening elements to secure battens and boards to the structure.
Corner profile	Trim to protect and finish corner joints.
Straight profile	Edge and linear finishing profile.

TIPS

It is essential to ensure the wall is flat, firm, and perfectly level to guarantee a stable and long-lasting result. Pre-drilling before screwing is recommended to prevent damage to the material and ensure proper fastening. The spacing between battens should be 500 mm, while the screw spacing, in horizontal installations, should be 400 mm. It is also important to calculate the installation area beforehand and make the necessary cuts in the panels before fixing them. For a clean and professional finish, the edge and corner profiles should be installed first.

SCREW SYSTEM

The screw-fixing system is used to secure both the battens to the wall and the cladding panels to the substructure. The screws must be suitable for the type of support and provide a firm and durable hold.

Pre-drilling is recommended to prevent cracking in the composite and ensure a secure fit. For horizontal installations, the screw spacing should be approximately 400 mm to ensure even load distribution and prevent movement or deformation of the cladding.



Clarification: the system is designed so that the screws are hidden by overlapping between panels or by using edge profiles, thus maintaining a clean and professional aesthetic.

PRECAUTIONS

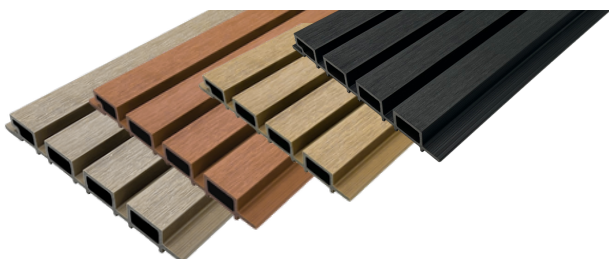
The cladding should not be installed directly onto an uneven wall without the appropriate batten substructure, as this can lead to unevenness, poor ventilation, and long-term stability issues. It is essential to use edge and corner profiles at all ends to ensure a proper finish, protect the edges, and conceal the fixings. Furthermore, the recommended fixing distances should not be exceeded, as a greater separation can compromise the rigidity and strength of the system. Before proceeding with the final fixing, it is crucial to adjust and cut the panels correctly according to the actual installation dimensions to guarantee proper alignment and a professional result.

SAFETY During the installation of the cladding it is essential to use gloves and protective glasses, especially in cutting and drilling work, to avoid possible injuries from particles, chips or fragments detached from the material.

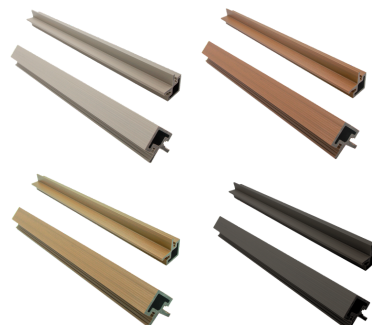
IMPORTANT NOTE: The performance, stability, and durability of the composite cladding are directly linked to correct installation according to the technical specifications. It is essential to follow the instructions in the Installation Manual, especially regarding fastening systems, batten spacing, screw spacing, and pre-drilling before screwing. Failure to comply with these guidelines may affect alignment, create stresses in the material, or reduce the system's lifespan. Proper installation ensures a uniform finish, correct structural support, and optimal long-term cladding performance.

INSTALLATION ACCESSORIES

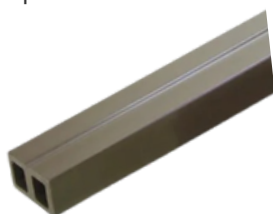
01 Cladding panels



02 Corner profile



03 Composite batten

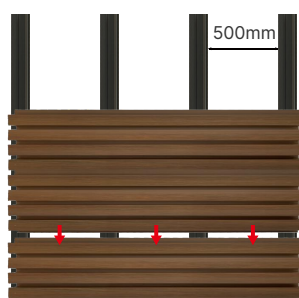


04 Screws

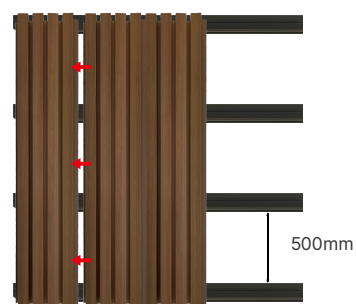


INSTALLATION DIAGRAM

Horizontal Installation



Vertical Installation



Note:

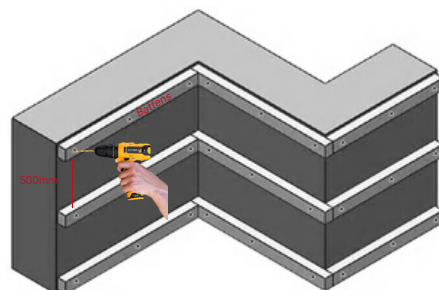
It is recommended to drill the screw holes before installation.

"VERTICAL" INSTALLATION INVISIBLE SCREW SYSTEM

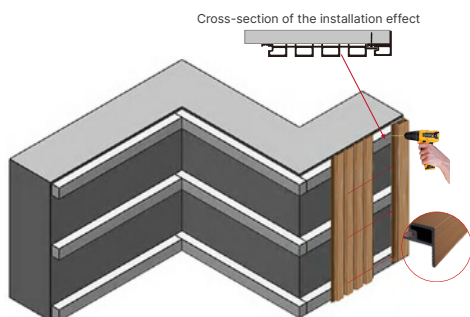
Note: This installation method requires the use of several edge banding strips. If necessary, cut the wall panels as needed. Pre-drilling holes before screwing is recommended.

1. INSTALL THE BATTENS

Install the battens: Ensure the wall is level, pre-drill holes in the battens, and then use screws to fix them to the wall. The spacing between battens should be 500 mm.



2. INSTALLATION OF INITIAL EDGE STRIP



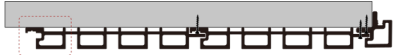
Install the starting edge strip: Position the starting edge strip at the corner and secure it with screws. After securing it, use the wall panel to overlap the edge strip and cover the screws.

3. CORNER EDGE STRIP INSTALLATION

Install the corner edge strip: Attach the edge strip to the wall using screws, then align the cladding with the edge strip to cover the screws. Next, secure it with screws through the cladding.

Cross-section of the installation effect

The dashed line frame should be extended and cut appropriately according to the actual length of the installation.



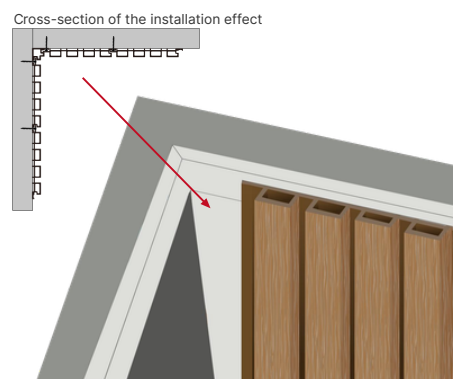
4. INSTALLATION OF WALL PANELS



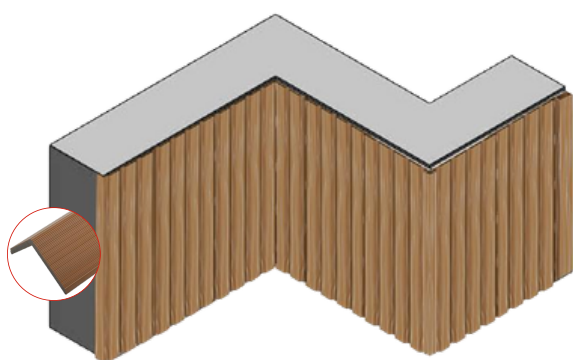
Panel continuation: Continue installing the wall panels, secure them with screws, and overlap the next panel over the previous one to conceal the screws.

5. CROSS-SECTION INSTALLATION

Continue installing the wall panels together, securing them with screws and covering the previous wall panel with the next one to hide the screws.



6. INSTALLATION OF EDGE STRIP



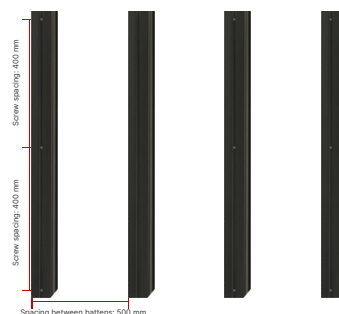
Install the edge strip: Continue repeating the cladding installation and place the edge strip at a right angle at the end of the wall to complete the cladding installation.

"HORIZONTAL" INSTALLATION INVISIBLE SCREW SYSTEM

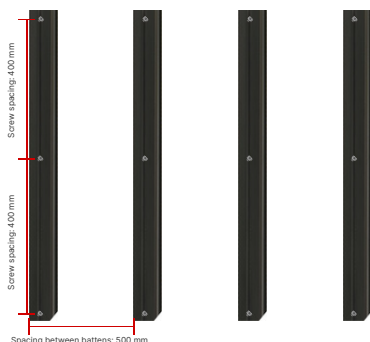
Note: Calculate the installation space in advance, cut the wall panels as needed, and pre-drill the holes before screwing.

1. POSITIONING

Positioning: Ensure the wall surface is flat and firm, determine the position of the battens and use a hammer drill to pre-drill the batten.



2. INSTALLATION OF THE BATTENS



Install the battens: Use expansion screws to fix the battens to the wall.

3. INSTALLATION OF INITIAL EDGE STRIP

Install the initial edge strip: pre-drill the holes and attach the edge strip to the batten with screws.



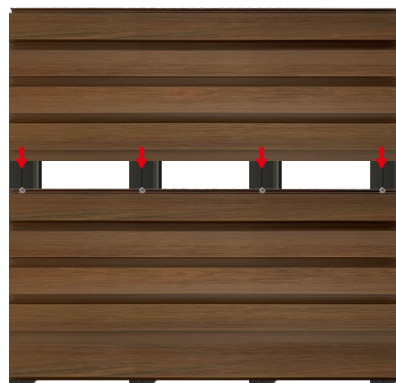
4. INSTALLATION OF FIRST CLADDING BOARD



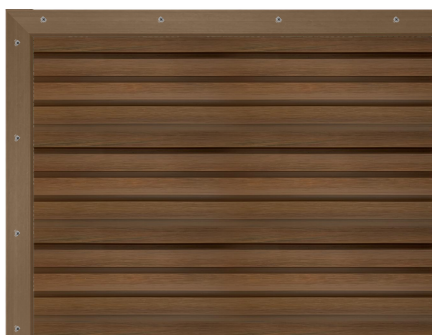
Install the first cladding panel: Fit the panel into the groove of the starter edge strip and, after the initial positioning, use screws to secure the first panel to the battens.

5. CONTINUATION OF WALL PANEL INSTALLATION

Continue installing the wall panels: repeat the steps above, fitting the next panel into the groove of the previous panel to cover the screws.



6. COVER INSTALLATION



Install the cover: Continue installing the cladding panels, and once all panels are in place, after pre-drilling, install the cover and secure it with screws at the corners.