Installation Instructions

www.fiberplank.com

No painting

Termite resistant

Invisible fastening

Does not rot

Impact resistant

This instruction is for installing a Fiberplank facade using Fiberplank siding. Here you will find tips and ideas, as well as step-by-step installation steps and the necessary tools.

Product information

No more maintenance and moisture issues

Finishing panels Fiberplank are made from non-toxic inorganic raw materials. This means that they are not affected by moisture during installation and after installation. Fiberplank products are fiber cement finishing panels. Fibrocement is a modern construction product made from environmentally friendly raw materials.

Fiberplank fiber cement siding is a product that is vapor permeable and resistant to the worst weather conditions anywhere in the world. The product contains gray cement and cellulose filler, the material is strengthened by specially selected fibers. Fiber cement absorbs and evaporates moisture, but this does not affect the durability, strength and effectiveness of the product. All products are resistant to rotting and fungi, withstand significant fluctuations in weather and climate conditions. Fiberplank are completely non-flammable products, flammability class - A2-s1,d0,

To ensure proper installation of the facade, use this instruction and the additional video clip (see www.fiberplank.com). For instructions or missing information, you can contact the Fiberplank team at www.fiberplank.com

Use appropriate protective equipment such as helmet, safety glasses and safety shoes, gloves. Fence off the work area so that bystanders are alerted to the work in progress.

If the facade of your house is higher than 12 m. is close to the sea or is exposed to higher wind loads - then an additional wind load impact assessment is required

If necessary, remove all obstacles from the facade: downspouts, decorations, lights, etc.

!!! SECURITY!!! BEFORE STARTING WORK, ENSURE THAT AN AUTHORIZED PERSON HAS DISCONNECTED THE ELECTRICITY, WATER AND GAS SUPPLY.

Available colors

Fiberplank is available in 6 standard colors. To give you more flexibility and make your project unique, it is also available in a RAL or NCS color palette and you can choose from almost any color you want! If the quantity purchased is greater than 150 m2.

Paint

The surface of Fiberplank is painted. The automatic painting process ensures the maximum resistance of each panel to external environmental influences - this is why Fiberplank gives the product a 15-year warranty.

Fiberplank fiber cement siding specification

- Length: 120.5 cm
- Width: 37 cm
- Usable length: 18.0 cm
- Thickness: 8 mm
- The useful area of one board is 0.2169 m2
- The weight of 1 m2 is 10,80 kg
- Surface: brushed, rain imitation
- Environmentally friendly, asbestos-free
- Material: fiber cement
- Brand: FIBERPLANK (LITHUANIA)
- Warranty: 15 years
- Pallet volume: 17,352 m2 (useful area)
- Pallet quantity: 80 boards
- Pallet weight: 385 kg.
- Installation: on a metal or wooden frame

The look of handmade, randomly placed shingle siding can be achieved without installing individual shingles one at a time.

Fiberplank siding achieves a truly distinctive look only once possible using individual cedar planks with a fiber cement product that is unsurpassed in its ability to withstand the harshest weather, wood-eating insects, or anything else Mother Nature throws at it.

FIBERPLANK

CALCULATING MATERIAL

To determine how much Fiberplank Cladding material will be required, you can either use detailed plans, or follow the method below.

Step 1. Measure the length of trims.

First work out what type of trims you will require, and how many linear meters you need. We offer two trims with the Fiberplank cladding range – external and internal corner trims. They both come in 3000mm lengths so divide the total length required by that number. You may have extra waste on areas where you prefer no joints.

Example:

External Corner Trim
Total Length 2,2 m. x 2 corners = 4,4 m / 3000mm = so you need 2 trims

Step 2. Measure the m2 area of boards

To work out how many cladding boards you need, first measure the m2 area of the wall or screen you're trying to build.

Example:

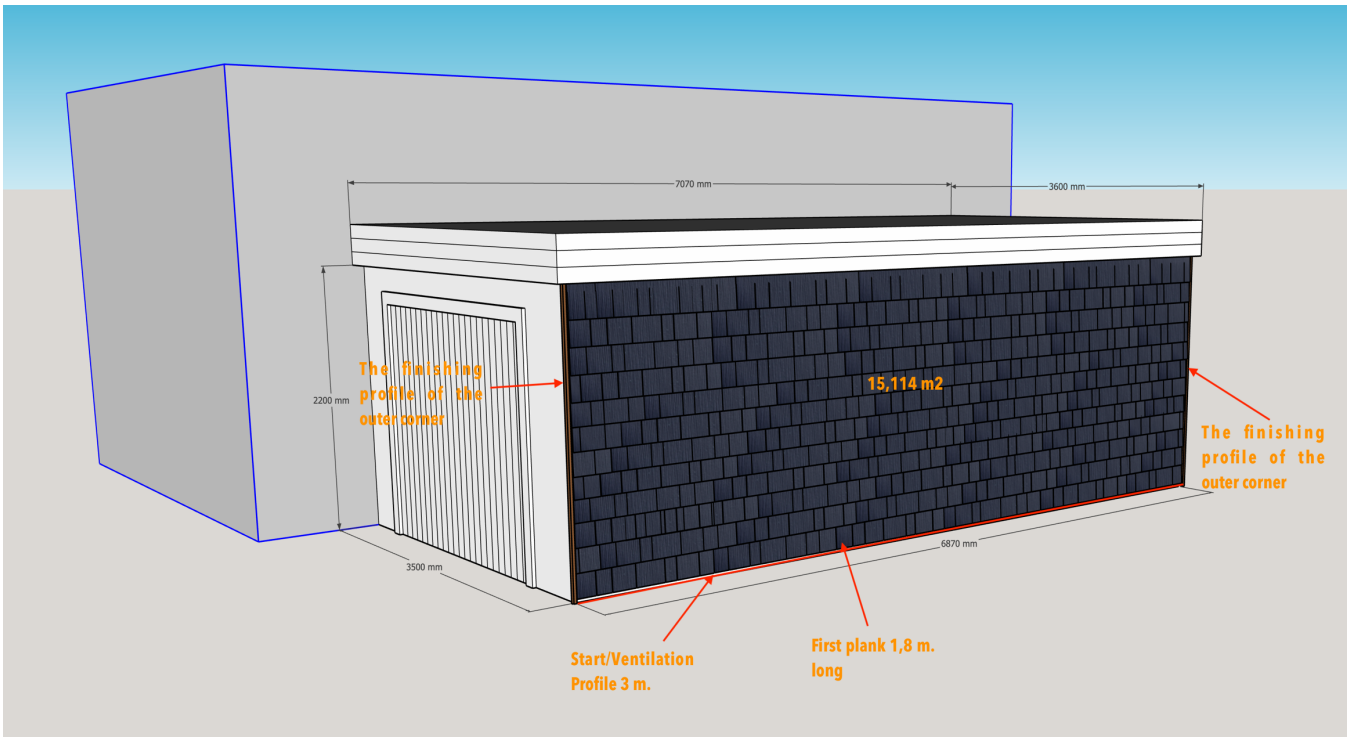
3.57 cladding boards = 1 m2 area

15.114 m2 x 4 pcs. = 60 pcs We advise you to always add 5%. additionally due to improper cutting, calculation error, etc x 5 proc. = 63 pcs.

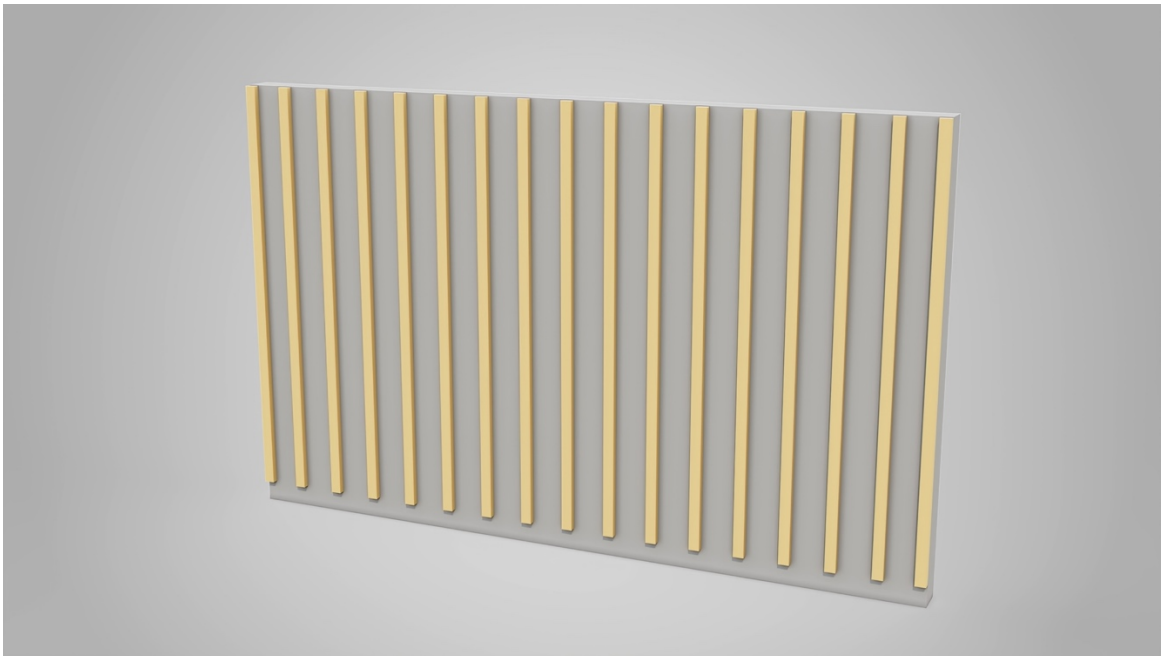
You also need:

- 252 pcs. Screws (4 screws in 1 board.);
- First plank is 1.8 m. so 6.87 m. you need 4 planks;
- Start / ventilation profile 3 m. long. 6.87 m. you need 4 pcs.;
- Repair paint 0.5 l. – 1 pcs.

It can be additional waste , depending on wall dimensions, Please factor this into your considerations.

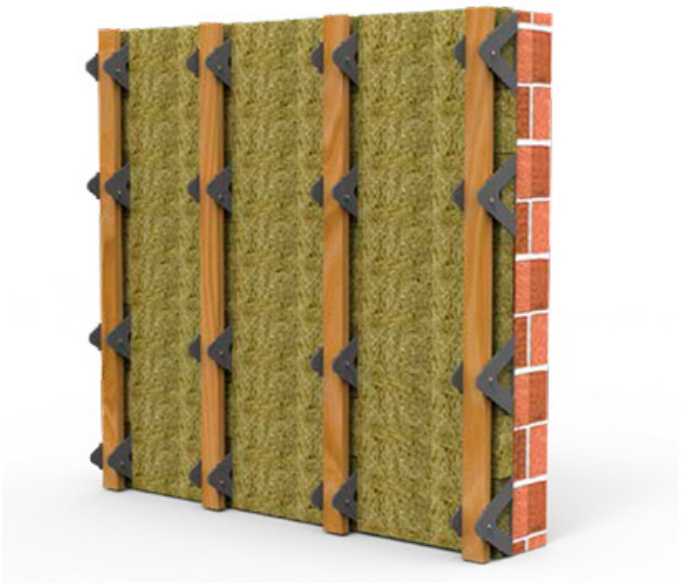

7070 mm
3600 mm
2200 mm
The finishing profile of the outer corner
15,114 m2
The finishing profile of the outer corner
3500 mm
6870 mm
Start/Ventilation Profile 3 m.
First plank 1,8 m. long

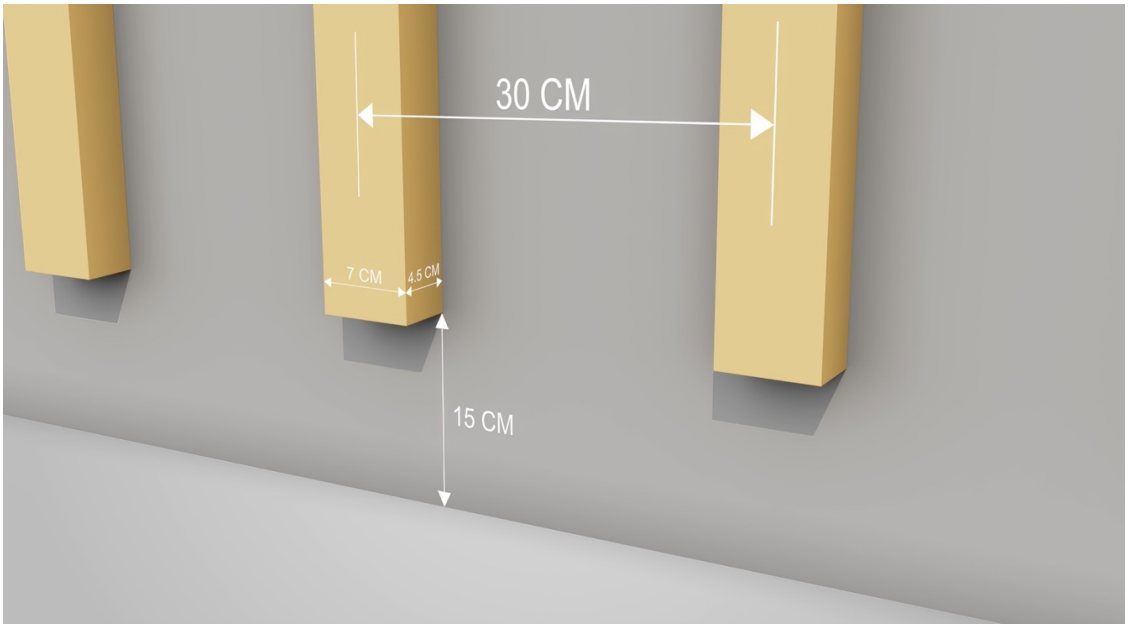
Framework



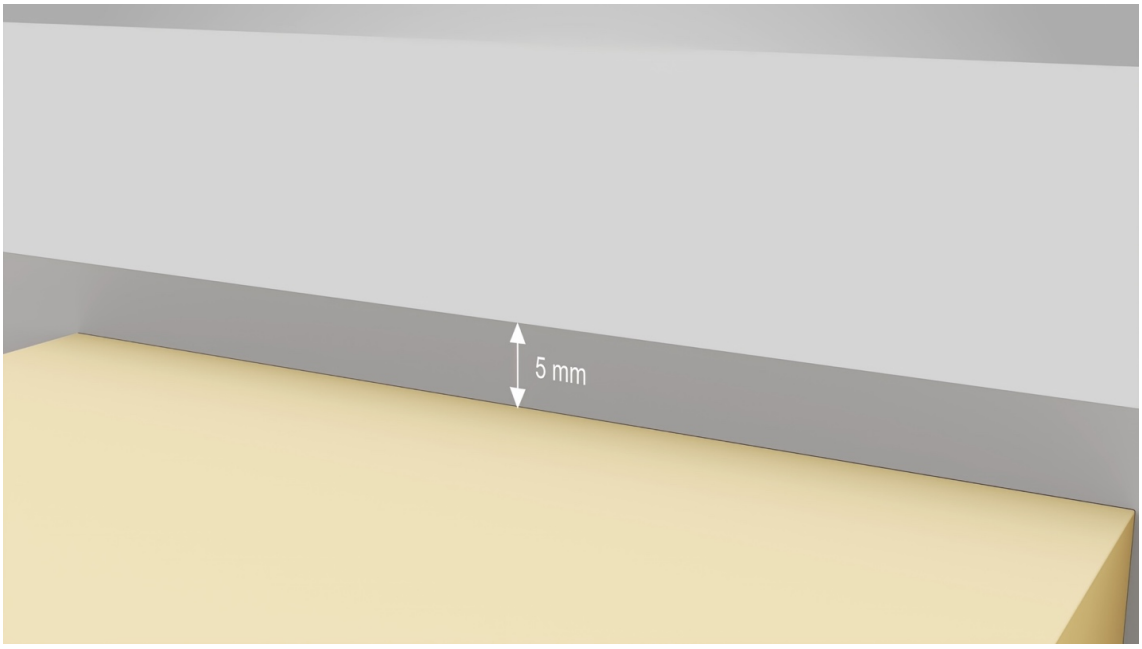
The frame can be wooden or metal. It is important to ensure that the structure is leveled and fixed with screws suitable for your wall. Fasten the vertical points starting from the outer corner and working towards the inner corner of the house. Make sure the frame connect at the corners, as support will be needed for the finishing profiles to be attached later.

If you need to install a thicker thermal insulation layer or the wall is very uneven, you can use corner brackets. For additional information, contact the builder or designer-constructor. If the wall is smooth and an additional thermal insulation layer is not required, there is no need to use horizontal supports.



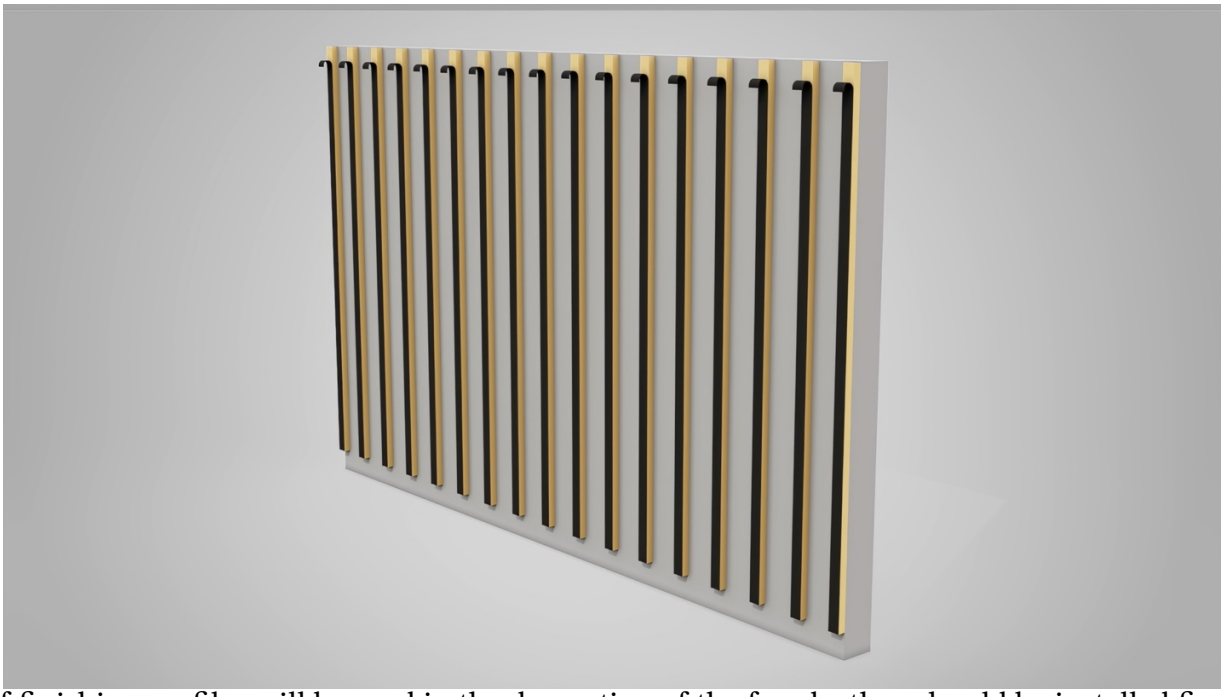


The frame is installed every 30 cm between the centers of the slats. The frame structure must be raised from the ground by 15 cm. As a standard, the slats must be at least 7 cm wide for the correct connection of the Fiberplank panels. Make sure the fasteners will support the weight of the supporting structure and Fiberplank siding.

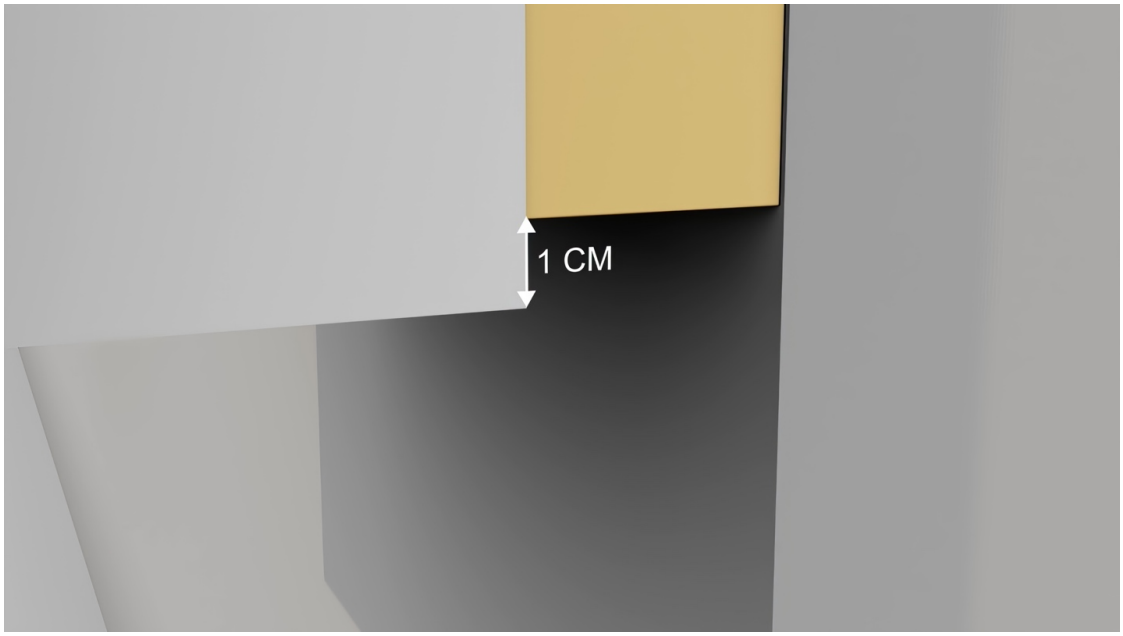


An air gap of 5-10 mm is left at the top of the frame to ensure proper ventilation of the facade. A ventilation profile is used at the top.

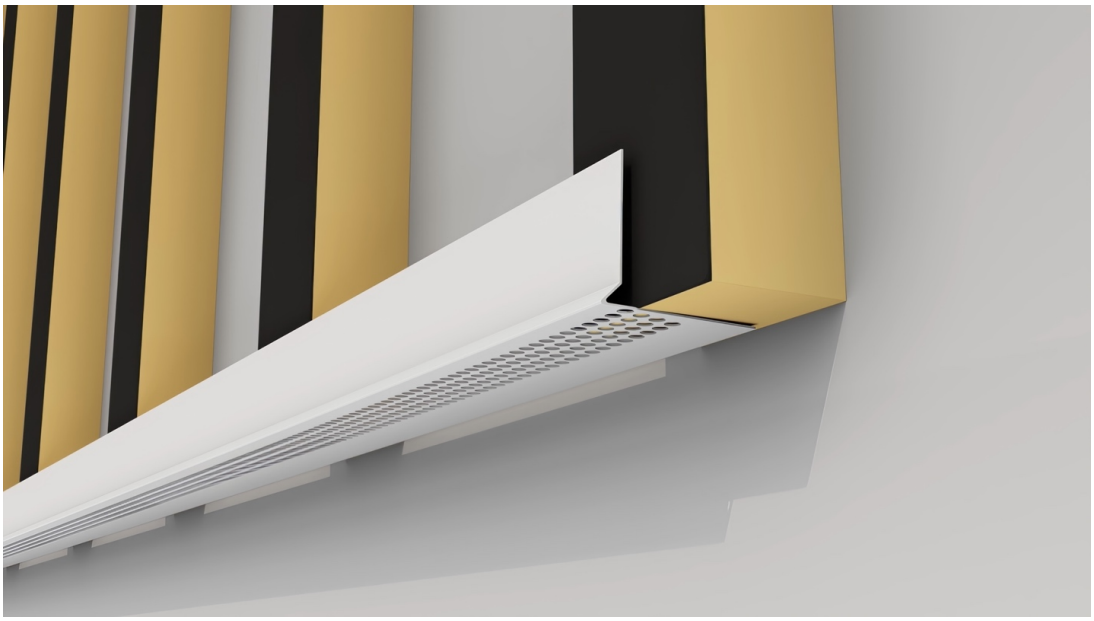
Protect wooden frame by covering them from bottom to top with EPDM tape. If the facade is made of a metal frame, there is no need to do this, but EPDM tape must be used when connecting the panels.



If finishing profiles will be used in the decoration of the facade, they should be installed first in the outer or inner corners.

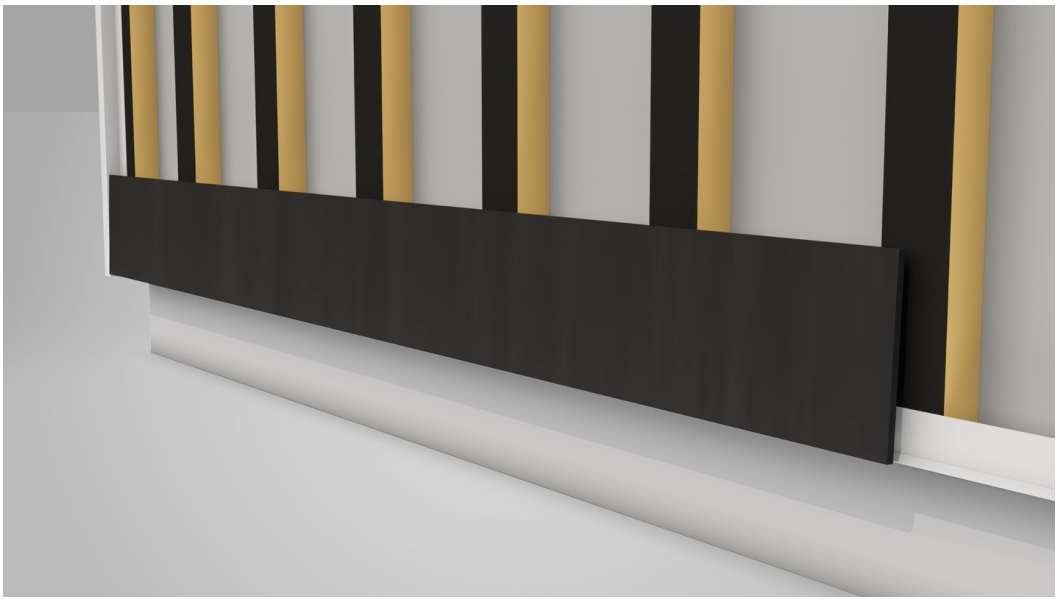


When installing the finishing profiles, place them 1 cm lower or above on the frame structure. Profiles can be cut with a metal saw or cut with metal scissors. Fasten the profiles to the frame structure with screws. Use a mechanical tools to attach the profiles straight. The ends of the profiles can be sharp, so use gloves.

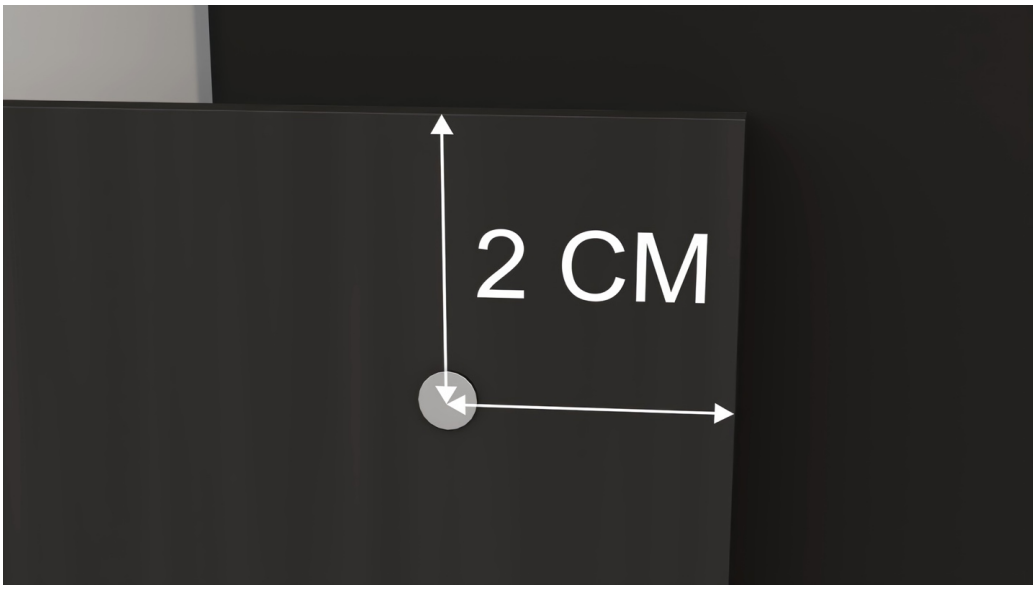


The next installation step is to install the start/ventilation profile. This profile protects the facade from rodents and ensures good facade ventilation. Also, this profile provides the

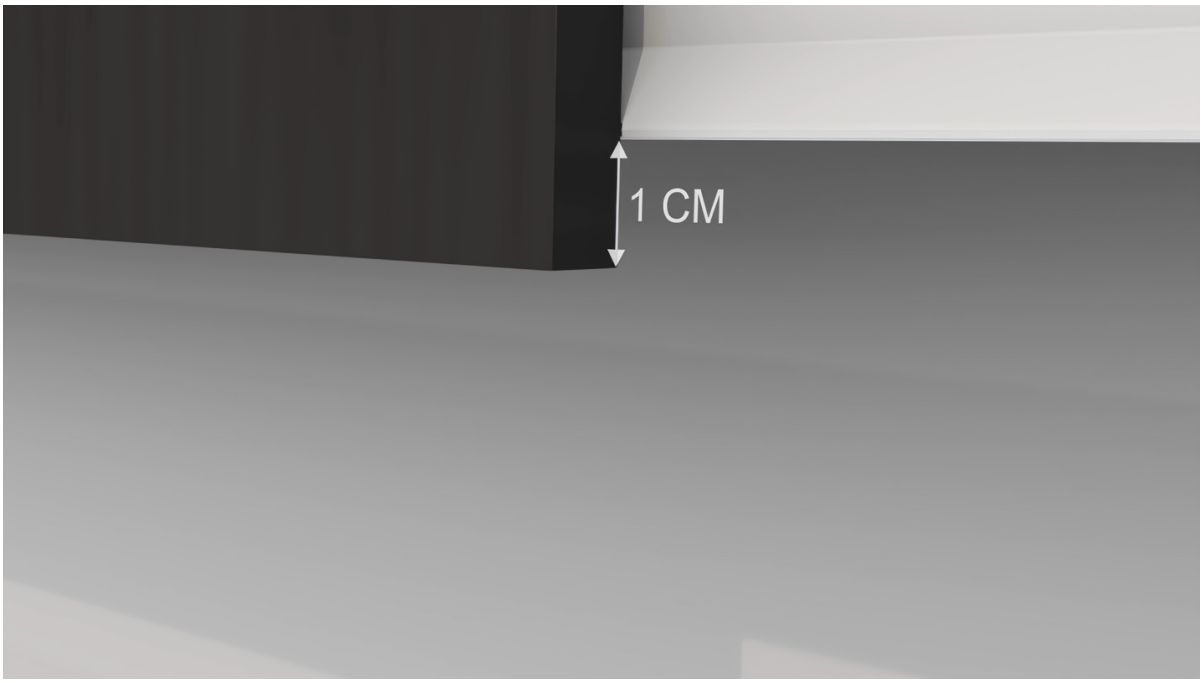
the tilt of the first plank. Make sure the start/ventilation and outer, internal profiles are on the same height level.



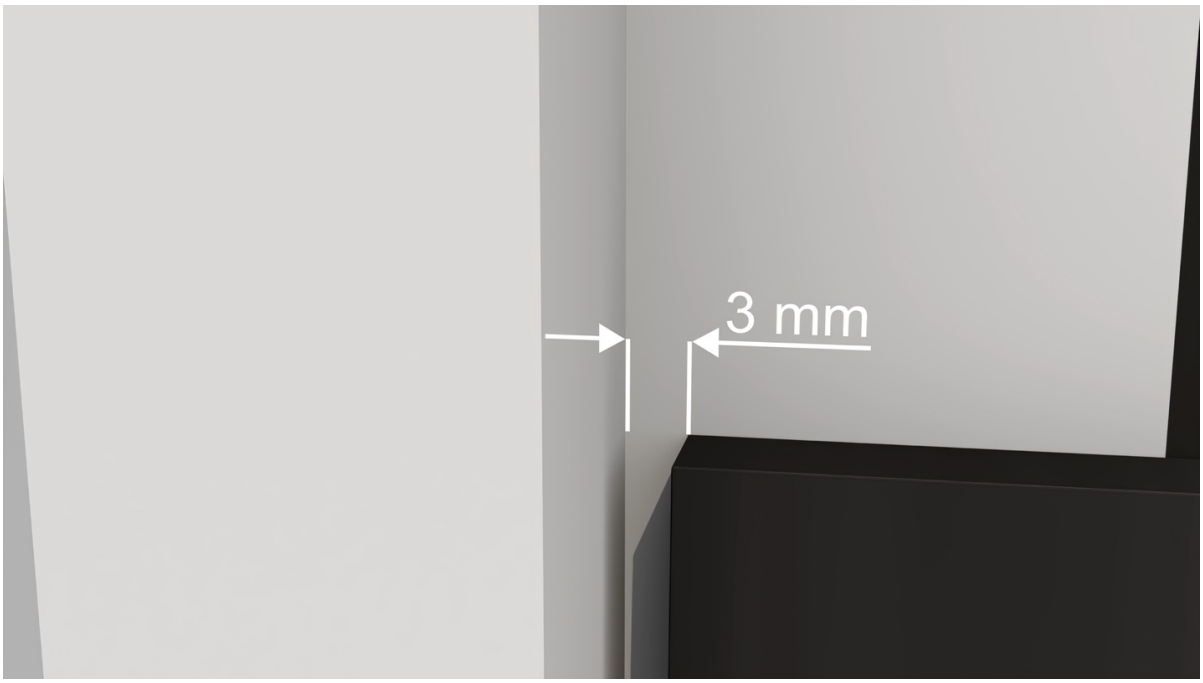
After installing the start/ventilation profile, the Fiberplank start panel must be screwed on. This plank is 1800x180x8 mm. The starting panel is the same color as the Fiberplank siding. After installing this starter board, the construction parts will not be visible through the cutouts in the Fiberplank boards. When joining panels, a gap of 1-2 mm is necessary.



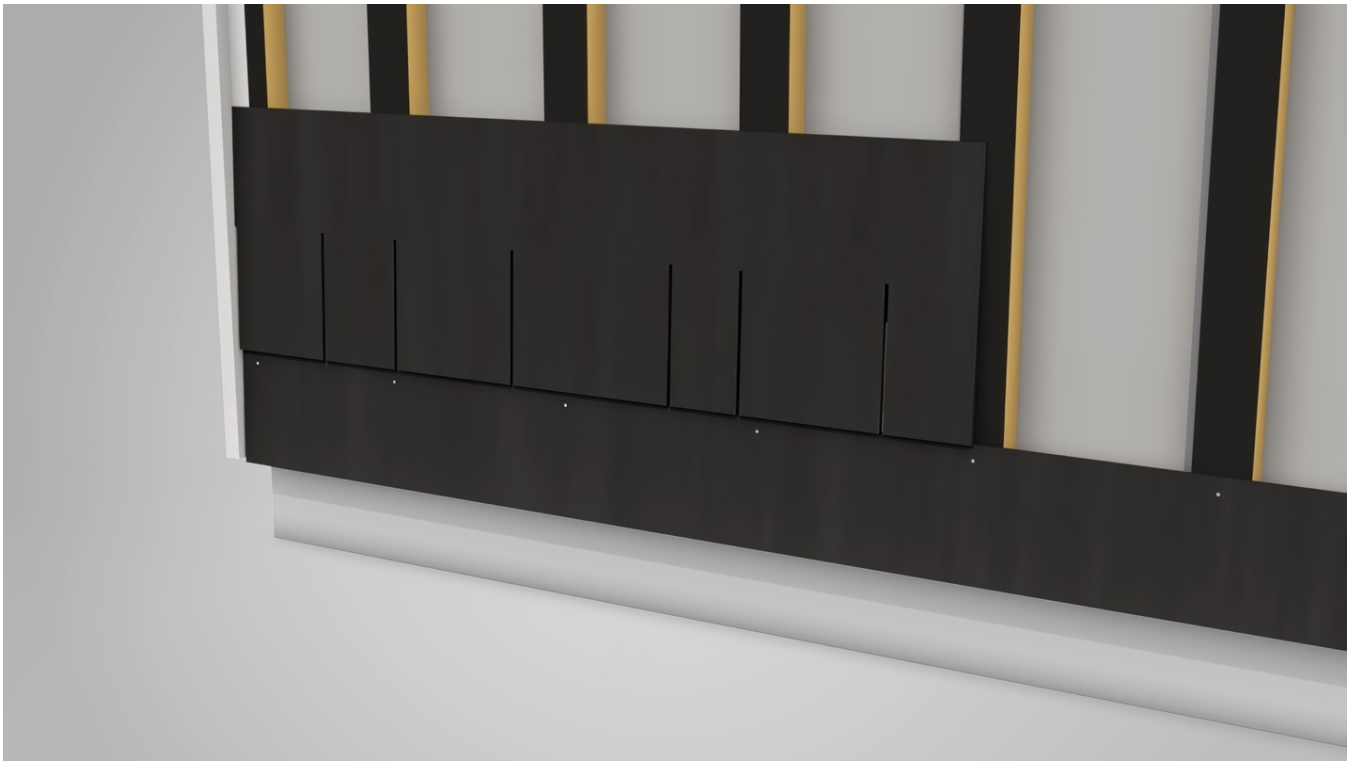
When screwing the plank, it is necessary to observe the specified distances from the edges of the plank, otherwise the edges of the plank may be split.



The starting panel must be lowered 1 cm below the starting/ventilation profile. due to rain drainage, so that moisture does not collect on the plank and profile.



When installing Fiberplank facade boards, it is necessary to leave a gap of 2-3 mm between the boards and the finishing facade profiles that are installed in the outer and inner corners of the house.



After installing the start Fiberplank boards around the perimeter of the house, it is necessary to start installing the Fiberplank facade finish with cutouts.

There are two different types of Fiberplank panels, they are cut in a mirror pattern so that the pattern does not repeat itself during installation, so they need to be changed during installation.

The first row of Fiberplank is placed 19 cm above the starting Fiberplank board. In order to maintain 19 cm margin, you can use a set of installation tools that will automatically maintain margins for you and allow one person to work without assistance.

Installation example:

First row starting from the edge of the facade 1-2-1-2-1-2-1-2 and so on.

The second row is installed at a distance of 60 cm from the edge of the facade and starts from 2-1-2-1-2-1-2, etc. to start fastening on the centers of the frame structure using EPDM tape.

The third row is installed after retreating 30 cm. From the edge of facade and installed 1-2-1-2-1, etc., start fastening on the centers of the frame structure, using EPDM tape.

The sequence is repeated from the beginning as it continues upwards.

The cut parts can be used after where the paneling is obstructed along the entire length.

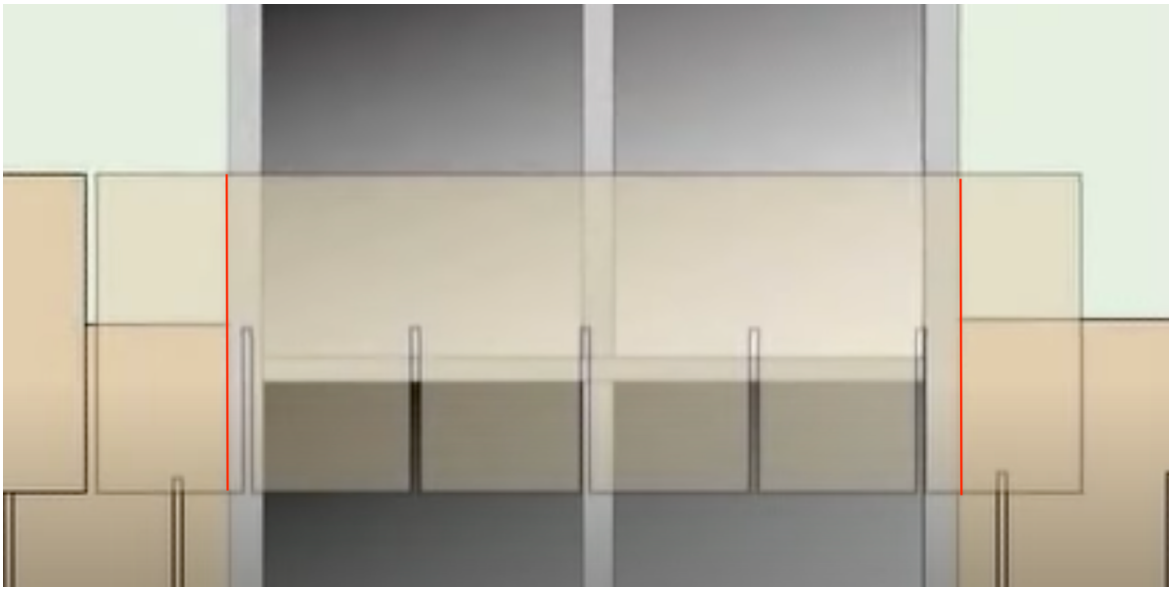
The cut areas must be painted with Fiberplank repair paint. They are sold together with Fiberplank fiber cement siding. Paint should only be applied to the cut area without applying it to the fiber cement siding itself. The paint is intended only for cut or damaged areas, but not for repainting the entire paneling.

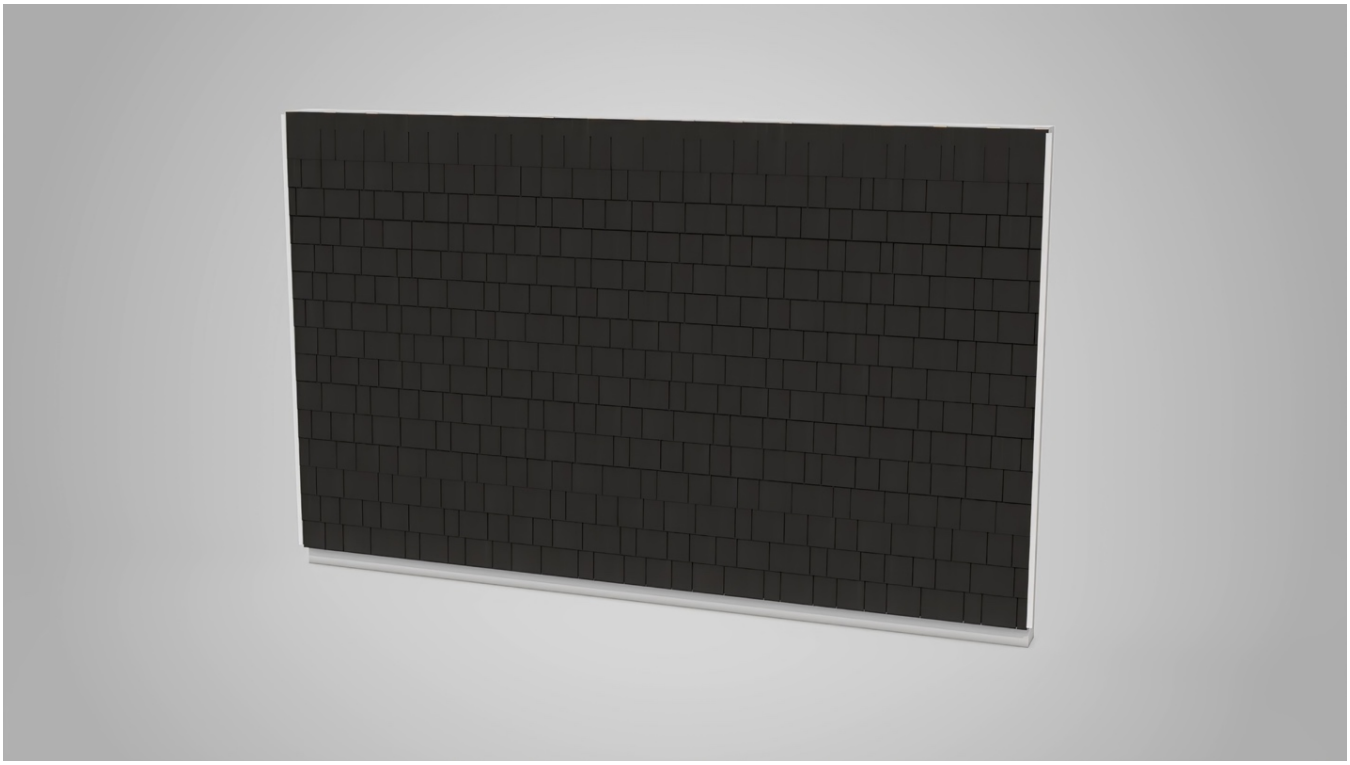
When screwing the panel, it is necessary to keep the specified distance from the edge of the panel, otherwise the edges of the panel may split. When joining panels, a gap of 1-2 mm is necessary.

The screws are painted in the same color as the paneling, so if it coincides so that the screw does not hide between the cutouts in the paneling, the screw will not be visible anyway....

When connecting the panels, it is necessary to connect them on the middle of the frame slats. It is forbidden to screw additional brackets.
When installing Fiberplank boards, it is necessary to check or directly installed facades.

When installing near the windows, it is necessary to cut the paneling as much as necessary, but not to lose the row of paneling and continue to install by cutting only the unnecessary parts.





Fiberplank is not responsible for the corrosion resistance of fasteners if screws are not purchased from Fiberplank.

Do not use staples, cut head or aluminum fasteners to install Fiberplank products.

Fasteners must be attached perpendicularly and the heads must be flush with the surface of the paneling. Do not overdrive the fasteners. When a fastener is overdriven, its holding power is reduced and moisture entry is created.