

INSTALLATION GUIDE

WARNING: Please read all instructions carefully before starting the installation to avoid having to repeat the steps.

1. GENERAL INFORMATION

1.1 Storage and handling

Woodzco products must be stored indoors in a dry place and kept in their original packaging until the acclimatization period to prevent damage. The products must be placed above the ground, flat, and on a stable, level surface. They must be handled with care to avoid deterioration or contamination from dirt.

Woodzco products must be stored in a climate-controlled environment where the temperature is maintained between 50°F and 86°F (10°C and 30°C) and the relative humidity is between 25% and 55%. They must not be exposed to extreme conditions, particularly near heat sources or direct sunlight, such as near a window.

1.2 Acclimatization

Woodzco products must be acclimatized before installation to reach ambient temperature and allow their moisture content to stabilize. This acclimatization period must be at least 72 hours. To facilitate this process, remove the plastic packaging to allow the products to adapt to ambient conditions. However, they must not be installed in spaces where the temperature or humidity level differs significantly from the building's normal occupancy conditions, as recommended in section 1.2.1.

1.2.1 Environmental conditions

Woodzco products are interior products designed for installation in environments with temperatures between 50°F and 86°F (10°C and 30°C). Installation must be performed only in an enclosed building, with HVAC systems in operation and intended to run continuously. Relative humidity must be maintained between 25% and 55% and should not exceed 30% during the panels' service life. All moisture-generating work, including plastering, concrete, ceramic, or any other wet materials, must be completely dry before installation. Additionally, all windows and doors must be installed. HVAC systems must be in place and operational to maintain proper temperature and humidity conditions before, during, and after product installation.

1.2.2 Dust and HVAC system control

Before commissioning the HVAC system, ensure that the indoor environment is free of dust from construction work. To reduce the accumulation of dirt, it is important that the air inlets and outlets are properly designed and that the HVAC (Heating – Ventilation – Air Conditioning) system filters, as well as the building's interior, are adequately maintained.

1.3 Material characteristics

Woodzco products are made from various types of solid wood or wood veneers, consisting of thin slices of real wood. Due to the nature of the material, the cut, grain, and color may vary from one sheet to another. These variations are normal and contribute to the authentic and unique character of the wood. To achieve the best possible visual consistency, it is recommended to unpack and examine the products together before installation to determine the most harmonious arrangement.

Upon receiving the product and signing the bill of lading, please verify that the product conforms to the order and notify Woodzco within seven (7) days of receipt of any product defects or damage. For details, please refer to the «Woodzco Limited Warranty» document on our website www.woodzco.com.

1.4 Considerations when ordering

When installing wood products, it is recommended to order a certain amount of extra material to cover normal waste associated with this type of material. For PROFILE planks, it is advisable to order a minimum of 5% extra material. It is the customer's responsibility to plan the plank layout and determine the total quantity required based on the project. If additional material needs to be ordered after the first batch has been produced, the planks will be manufactured to match the finish of the initial order as closely as possible. However, some visual variations may occur due to the natural characteristics of real wood.

2. CUTTING TOOLS AND METHODS

2.1 Recommended tools (not included)

Finish nailer
Plunge-cut track saw
Laser level

IMPORTANT: Always wear appropriate personal protective equipment (PPE) when handling or cutting wood.

2.2 Wood cutting methods

WARNING! WOOD DUST. Sawing, sanding, or shaping wood products can release dust particles into the air. Exposure to this dust can cause irritation of the respiratory tract, eyes, and skin. The International Agency for Research on Cancer (IARC) recognizes wood dust as a nasal carcinogen in humans.

Precautionary measures: Power tools must be equipped with a dust collection system. When large amounts of dust are generated, it is recommended to wear a suitable NIOSH-approved dust mask. Also, avoid contact between the dust and your eyes and skin.

First aid for irritation: Rinse the eyes or skin with water for at least 15 minutes.

3. DESIGN

3.1 Accessories

Available upon request from Woodzco	Not included and supplied by others
Shop drawing (if applicable)	Construction adhesive in cartridge
Correction pencil	
Premium matte finishing oil	
Satin clear varnish	

3.2 Nails recommended

Finishing nails, 18 gauge - 2" length and longer	To fix the planks to the substrate
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3.3 Finishing

The PROFILE collection is sold pre-sanded and unfinished. It is recommended to apply the finish of your choice (oil or varnish) to protect the product. The finish can be applied before or after installation, according to your preference. However, a final sanding before finishing is recommended.

3.4 Installation plan

Before beginning the installation of PROFILE planks, it is important to establish your installation plan. Determine the orientation of the planks and measure the dimensions of the surface to be covered to calculate the alignment and positioning of the planks. Please refer to the construction plan. It is recommended that at least two people handle the planks safely and thus reduce the risk of damage.

- PROFILE planks installed on a wall must be positioned in a staggered pattern, ensuring a minimum of 6 inches of offset between the ends of planks placed side by side.

4. INSTALLATION

NOTE: For indoor use only.

4.1 Wall installation procedure

For wall installations at eye level, a rigid substrate (e.g., 3/4" plywood or drywall) must be installed behind the planks to cover the entire surface and ensure product stability. The planks can be oriented horizontally or vertically. Please refer to the construction plan to determine the orientation and layout of the planks.

For wall mounting, we recommend both chemical and mechanical fastening. For chemical fastening, apply a construction adhesive to the back of the planks. For mechanical fastening, we recommend using 18-gauge finishing nails.

4.1.1 Installation procedure for a flat surface

Install the first plank so that the groove is at the beginning of the surface to be covered. It is important to maintain an 8 mm (3/8 in.) gap from the wall or any other perpendicular surface to allow for natural expansion of the wood.

Apply construction adhesive from a cartridge to the back of the plank. Place the plank on the surface to be covered in the correct position and level according to your installation plan. While holding it in place, insert finishing nails (18 gauge - 2" or longer) at a 45° angle every 10-12 inches into the tongue and groove only. Tongue each plank together and continue installation until the project is complete (**Fig. 1**).

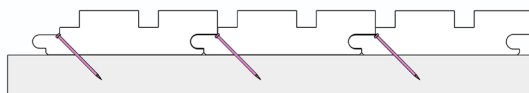


Figure 1. Installation on a flat surface.

4.1.2 Installation procedure for an internal corner

Use the «standard» model to proceed with the installation of an internal right-angle corner (90°). Start with the corner by cutting the female socket of the two pieces at a 45° angle and continue in both directions.

4.1.3 Installation procedure for an external corner

Use the standard format to proceed with the installation of an external right-angle corner (90°). Start with the corner by cutting the female socket of the two pieces at a 45° angle and continue in both directions (**Fig. 2**).

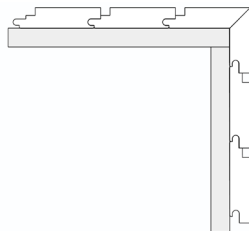


Figure 2. Installation of an external corner.

4.2 Installation procedure on a curved surface

IMPORTANT: Minimum curve radius = 600 mm (23-5/8 in).

Apply construction adhesive to the back of the plank. Place the plank on the surface to be covered, ensuring it is level and in the correct position according to your installation plan. While holding it in place, insert finishing nails (18 gauge - 2 in length) directly into the face of the plank. Attach the next plank and continue the installation with the mini format across the entire curved surface (**Fig. 3**).

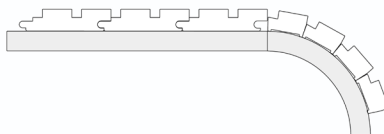


Figure 3. Installation on a curved surface.

4.3 Integration of MEP equipment and terminals

For wall installation of PROFILE planks, you must consider building mechanical, electrical, and plumbing elements such as light fixtures, speakers, sprinklers, and other MEP equipment and terminals.

It is recommended to consult the building plan before starting. PROFILE planks can be cut to fit the openings created for fixed elements.

4.3.1 Sprinklers

The PROFILE planks have been subjected to a test method based on CAN ULC S-102 and ASTM E-84. The planks may obstruct or divert the existing or planned water distribution system for automatic fire extinguishers, potentially delay the activation of automatic fire extinguishers or fire detection systems, or accelerate the activation of automatic fire extinguishers by channeling heat from the fire toward or away from the device. Designers and installers are advised to consult a fire safety engineer, NFPA 13 standards, and their local codes. A hole can be cut through the plank to allow the sprinkler head to protrude.

4.3.2 Lighting

For ceiling mounting, the weight of tested and approved lighting fixtures must be supported by the suspension system and/or the structure, not by the wooden plank. Other lighting fixtures that have not been tested or approved must be supported independently by the structure.

4.3.3 Recirculating air diffuser/device

PROFILE planks are natural wood products. Therefore, air diffusers and recirculating air devices must be installed so that they are level with or below the wood planks. For ceiling installations, this ensures that when cooled or heated air is released, it is vented below and does not come into direct contact with the wood planks. For wall installations, the air outlet must be integrated into the finished face of the plank. Failure to comply with these requirements may cause damage to the wood planks and will void the warranty.

5. CUTTING

IMPORTANT: Always wear personal protective equipment (PPE) when cutting wood.

Use a flat surface to place your plank and keep it level. When cutting Woodzco planks, for cutting tools (i.e., a plunge-cut track saw, table saw, etc.), it is recommended to use 80-tooth finishing saw blades.

6. CLEANING AND MAINTENANCE

NOTE: For detailed cleaning and care recommendations, please refer to the CARE GUIDE on our website www.woodzco.com.

We recommend two methods for cleaning an PROFILE plank:

- 1) Vacuum the planks to remove any dust or dirt that may accumulate on the Woodzco product.
- 2) Use a clean, dry, soft white cloth to remove dust or greasy fingerprints. If this is not sufficient, wipe the tile with a clean, soft white cloth and a pH-neutral cleaner.

7. LIMITATIONS

For indoor use only.

8. RESPONSABILITY

We disclaim all liability for incidental and consequential damages, whether direct or indirect, and for any loss caused by the use of these products in a manner inconsistent with the printed instructions provided or for any purpose other than that for which they were intended. Our liability is expressly limited to the replacement of defective products. Any claim will be considered void unless made in writing within seven (7) days of the delivery date and the date of signature of the bill of lading. Please refer to the document «Woodzco General Terms and Conditions of Sale» for details.

9. SECURITY

Please observe good industrial safety and hygiene practices during installation. Wear appropriate personal protective equipment. Read the product data sheet and all documentation concerning this product before specifying and installing it.

10. NOTICE

The information contained in this document is subject to change without notice. Woodzco Architectural Wood Inc. disclaims all liability for any errors that may have been inadvertently made in this document.