



CAYAKI.COM

INSTALLATION GUIDE – INTERIOR



AUGUST, 2019

PRECAUTION

Although this installation guide has been designed with the utmost care, CAYAKI INC. is not responsible for any errors or omissions that may result from its use.

You must take into account all the documentation and regulations that may apply.

GET READY

The guarantee is conditional to the careful monitoring of the steps.

PRELIMINARY VERIFICATION OF MERCHANDISE AND QUANTITY

The Installer Must Check The Products Before Installation.

Protect yourself! If the packaging is damaged check before accepting the delivery, if necessary write a note with your signature and keep a copy. Communicate immediately with CAYAKI INC. in order to have instructions if necessary. If before or during the installation, you notice that products have anomalies or do not meet the specifications of your order, call immediately CAYAKI INC.

Do not install the burnt wood planks if the product does not comply. CAYAKI INC. is not responsible for any costs or labor related to the installation of products that have apparent defects.

ACCLIMATIZATION

The wood is hygroscopic. It reacts to temperature and humidity.

As a result, acclimation is required (72 hours in the setting environment). Poor acclimation can cause twisting, narrowing and / or suction effects after installation.

PREPARATION OF THE INSTALLATION SURFACE

Wall surfaces, plywood sheets and ventilation battens must be smooth, clean, dry and straight.

At all times, before installation, our products must be kept dry between 8% and 12% moisture content.

N.B. This guide is provided as a basic reference. The user is responsible for the installation in a careful manner in accordance with the highest standards applicable to the building code, laws and regulations.

Section 1/6

RECEPTION AND INSPECTION

The installer is responsible for checking material and all hardware before installation.

RECEPTION

All our orders are delivered by a regular carrier or by a big carrier according to quantity. If your order arrives damaged during shipping, note the damage on the delivery note before signing it (keep a copy) and take pictures. Communicate **immediately** with CAYAKI INC. Do not remove the packaging if possible or take pictures and especially do not start the installation.

DILIGENT INSPECTION

Thoroughly inspect the planks before installation. Make sure the lighting is adequate for this inspection. If, during the installation, you notice that some planks contain anomalies or do not meet the specifications of your order or that you are not satisfied, contact CAYAKI INC. at once, do not install the planks.

From when the installation starts, we consider that you have accepted our products, that the installation surface is adequate and that the working conditions meet the standards and regulations, including the ambient temperature and the relative humidity at any time during the installation. This includes all variables that can negatively influence our products. No warranty or claim will be accepted for products installed with apparent defects. All installed products are considered acceptable. As wood is a natural product, industry practices allow a margin of 5 to 15% of delivered products that may have defects in manufacturing, handling, finishes or minor damage.

Section 2/6

STORAGE, ACCLIMATIZATION AND WORKING ENVIRONMENT

Before installation, store our products in a suitable place for a minimum of 72 hours and allow the wood to acclimatize to room temperature.

Store our products on a flat surface while putting sleepers that allow air circulation. The place must be clean and dry. Do not store our products directly on concrete or near an exterior wall.

WORKING ENVIRONMENT

Before starting work, the installer must ensure that the work environment is clean and that the installation surface meets the requirements of this Installation Guide. CAYAKI INC. do not accepts any responsibility for problems that are the consequence of the working environment or the conditions of the laying surfaces.

All water related work that may affect humidity must be completed before installing our products. In general, our interior products are installed at the finishing stage of the project.

If systems control the temperature and humidity, they must remain in operation from reception to installation. The spaces to receive our products must maintain, for a week before installation, a constant temperature between 60° and 70°F or 15° and 21°C and the ambient humidity must be between 35 and 55%. These guidelines also apply during and after installation.

Section 3/6

ACCLIMATIZATION, HUMIDITY TESTING AND SURFACE PREPARATION

ACCLIMATIZATION

Our wood contains between 8 and 12% moisture. The acclimatization of the wood must take into account the environment, the installation, the ambient humidity and the laying surface.

When receiving wood, carefully check the wood moisture with a hygrometer to establish a baseline for acclimation. A good method is to take samples in several places. Please acclimatize our products according to the area of residence and the country you belong.

Section 4/6

HUMIDITY TEST AND PREPARATION OF THE INSTALLATION SURFACE

Keep a record of your wood moisture testing and installation environment.

CAYAKI INC. is not responsible for defects caused by the installation environment. Plywood and / or vent battens must contain less than 12% moisture and approximately 4% moisture for products less than three (3) inches wide; and about 2% humidity for planks of three (3) inches or more. If you find higher rates in one place, do not install until you have identified the causes and remedied them. Pay special attention to exterior walls and walls containing plumbing pipes. Never install products on "green" plywood or insulated strips.

For plywood and / or ventilation cleats:

You must test for each installation space that does not exceed 200 square feet (18.6 m²).

For new constructions:

Do not install our products on freshly painted surfaces or wet masonry. Before the moisture tests, the new plaster and masonry must have had time to dry for at least 60 days. It is recommended that you perform an impedance and electrical resistance test with a hygrometer.

Despite CAYAKI INC. wood being resistant to moisture and molds problems the firm is not responsible for moisture release and mold problems at the construction stage.

For outward-facing walls and installations on masonry

Due to moisture problems, when your installation is inside an exterior wall or on masonry or on a concrete wall, we recommend installing a vapor barrier between our products and the support surface. Use an impervious vapor barrier with a coefficient of 0.15 or less, such as a six (6) millimeter polyethylene film.

Section 5/6

INSTALLATION

We recommend the use of nails / staples on the plywood.

For installations requiring ventilation brackets, if our burned wood planks are to be horizontal, the cleats must be installed vertically. If you want our burned wood planks to be vertical, the ventilation slats must be laid horizontally.

Our products are designed for normal use in dry environments only and must be kept dry and protected from moisture at all times.

BEFORE INSTALLATION

Remove hinges, door edges and skirting boards to replace them after installation. Leave a space of 13 mm- (one-half (½) inch) for expansion between the ends of the boards that abut on fixed pieces such as walls.

Before installing, check that the nailing will not cause a "dimple" that can cause imperfect joints. If this happens, STOP immediately to readjust your nailing tool. CAYAKI INC. is not responsible for imperfect joints.

Friction of burned wood surfaces

The burned wood brings out a pleasant texture that will make all the charm of your walls. It is recommended to avoid the friction of the stacked boards.

Finish Product

CAYAKI INC. strongly suggest ordering finished products to make your job easier and get better results. However, if you order unfinished products, it must be finished before installation.

Start the installation

During installation, maintain a uniform expansion joint.

Leave a 13mm (half an inch) gap at each end, which stops on a wall when starting from a corner. For horizontal installation, install the first board with the groove facing the floor. For vertical installation, the groove must face the nearest corner. Mark an installation guide using a laser or slam a chalk line. Fasten the first row by beveling the tab on the vent bracket, and secure the groove (groove) by nailing perpendicular to the wall surface. Insert the angled nails on the tongue with sufficient force so that the nail head is flush with the outside of the tongue. This job well done will allow the next board to fit easily without nails impeding perfect joints.

Constantly check that the boards are straight while you nail to the end of the board. For installations on ventilation slats, the planks should be cut so that the ends attach to one half of the batten (when a joint is to be made).

Note that if the first row is installed and secured on the wall, it is not necessary to nail the planks perpendicularly. Check after three to four rows maximum that you maintain a properly aligned installation.

Install the next row by sliding it gently. Space the joints, from row to row, at least 2.5 cm (10 inches). Use a rubber hammer (which does not leave any marks) and a block of soft wood to hit the tongue and join the boards. Never hit the groove. When you're ready for the corner, use the crowbar to join the boards. BE CAREFUL not to damage the board of the other corner. All our products are cut with rigor and to join them, it is necessary to make sure that there is no debris in the groove. You must adjust the support wall rather than forcing the join of the boards.

The space for the last row may be narrower than the width of the board. Cut along the board using, if necessary, the lever clamp. You will have to nail perpendicularly the board of this last row and make a slight retouching if necessary to hide the nails.

DO NOT FORGET to touchup the ends of boards that have been cut using the retouch kit supplied with each box or ordered. The bag and the board must be at a temperature of 15° C.

Before starting nailing, it is recommended to do nailing tests on a small part (end) that you can discard, if any.

Section 6/6

FINISHING AND MAINTENANCE

Remove the expansion templates. Reinstall the curbs to cover the expansion space. When two walls meet at an acute or obtuse angle, the border pieces can be supplied to order.

Immediately after installation, clean and remove all debris with a vacuum cleaner. If knots or cracks have appeared, use a pore mouth and retouch pouch.

FINISH

Wood is subject to discoloration when exposed to direct sunlight. Some of our finishes are inert and are not very affected by the fading process. Burnt wood is particularly protected by this phenomenon.

HOWEVER, it is recommended, if necessary, to refresh with the oils corresponding to the product, available on order. Wood is a material that contracts and expands in response to changes in temperature and humidity. We recommend maintaining an indoor temperature of 60° to 70° F or 15° to 21° C and a relative humidity of 35 to 55% to minimize the visible effects of the normal expansion / contraction phenomenon. In very dry places, a humidifier may be needed. The wood is sensitive to UV rays. This phenomenon is not considered a defect and is excluded from all warranties. Over time, the original color and the touch-up bag may vary slightly in color, so it is your responsibility to contact us to make an arrangement to provide you with the correct touch-up color. Using the touch-up color on the boards automatically means your acceptance and relieves us of all liability including any other fees.

MAINTENANCE

Use the appropriate oils for the chosen product.