

LINEAGE™ Wood Looks Laminate Plank Ceilings

Installation Instructions

1. GENERAL

Installed directly to metal or wood furring, these pre-finished laminated tongue and groove planks, offered in wood look or paintable finish options, provide an economical alternative to natural wood panels.

1.1 Product Description

The Lineage™ Wood Looks products are made from a painted medium density fiberboard (MDF) or a MDF with printed paper laminate finish. The planks can be installed directly to wood joists as long as the joist spacing is no more than 24".

Planks can be installed over plaster or drywall only if metal or wood furring is installed (no more than 24" on center) to provide an air space behind the planks. Never span more than 21' without an expansion joint (cover with trim).

NOTE: Your Lineage Wood Looks plank ceiling will only be as flat as the substrate you attach it to. The use of furring strips gives you the opportunity to shim the existing substrate to make it flat. Installation of furring strips also gives you the opportunity to change the direction of the planks. The Lineage Wood Looks planks must be installed perpendicular to the furring.

1.2 Storage and Handling

The Lineage Planks should be unpacked 2-3 days prior to installation to allow the material to adjust to the relative humidity in the space.

In areas of high humidity such as bathrooms, two layers of furring are required to allow air circulation above the planks. Use light fixtures that will not raise the temperature of the planks above 230° Fahrenheit.

Do not apply loose fill or rolled insulation so it comes directly in contact with the back of the Lineage Wood Looks plank.

Lineage planks can be cleaned with a damp cloth.

1.3 Cutting

Use normal woodworking tools to cut the planks to length and to accommodate penetrations such as sprinklers and lights.

⚠ CAUTION: WOOD DUST. Sawing, sanding, and machining wood products can produce dust. Airborne woods dust can cause respiratory, eye, and skin irritation. The International Agency for Research on Cancer (IARC) has classified wood dust as a nasal carcinogen in humans.

Precautionary measures: If power tools are used, they should be equipped with a dust collector. If high dust levels are encountered, use an appropriate NIOSH-designed dust mask. Avoid dust contact with eyes/skin.

First Aid measure in case of irritation: In case of irritation, flush eyes or skin with water for at least 15 minutes.

1.4 Ten (10) Year Limited Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

2. INSTALLING BORDER PANELS

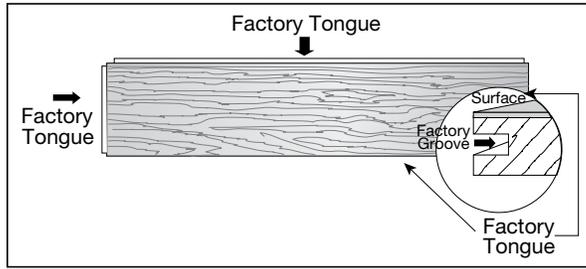
2.1 Determine Border Plank Size

Equation to determine your border plank size for a balanced appearance:

	Example:	Your Room:
1. Measure room width same direction as the joists	Room = 178"	_____
2. Divide by 5"	$178" \div 5" = 35.6"$	_____
3. Multiply the remainder by 5"	$0.6 \times 5" = 3"$	_____
4. Add 5" to the result	$3" + 5" = 8"$	_____
5. Divide the result by 2"	$8" \div 2" = 4"$	_____
6. Record your border plank width	Border plank width = 4"	_____

2.2 Snap a Chalk Line

Measure the calculated border plank width and snap a chalk line at that distance from the front wall.



2.3 Cutting First Border Plank

1. Familiarize yourself with the plank edges and face before you begin cutting your first plank.
2. Cut the first row of planks to the border plank width, removing the tongue edge. **TIP:** Using a table saw or circular saw helps to ensure a clean straight line.
3. Each plank for the first row will be cut to the border plank width minus 1/2" to allow for an expansion gap.

3. LINEAGE PLANK INSTALLATION

3.1 General

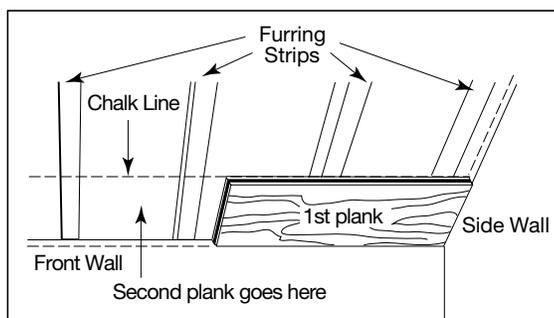
Locate ceiling joists if not exposed. Tap on the plaster or drywall ceiling until you hear a solid thud, or use a stud finder.

Generally, joists are spaced 16" or 24" on center. If not exposed, mark with a chalk line. Level and attach furring strips perpendicular to the joists, starting 2" from the first wall. Spacing should not exceed 24" on center.

If you have a sloped surface (not covered in these instructions) contact Techline at 1 877 276 7876.

3.2 Installing First Row of Planks

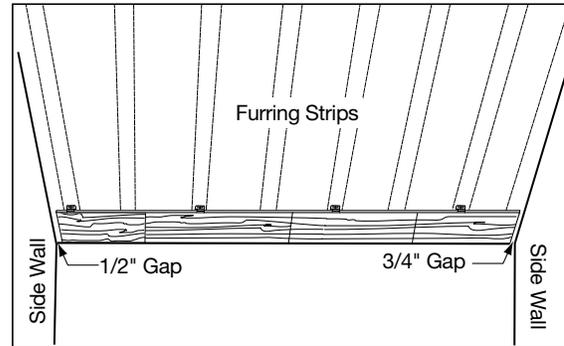
1. Align the groove edge of the border plank with the chalk line.



2. Slide clips into the groove at the furring strips and screw clips to the underside of the furring strip. Ensure screws are installed straight into furring strip. If installed at an angle, the screw head could interfere with installation.

NOTE: Plank's groove must slide freely with the clip. Tightening the screw too much could cause the clip to twist and keep the planks from floating properly. Ensure the clips are level.

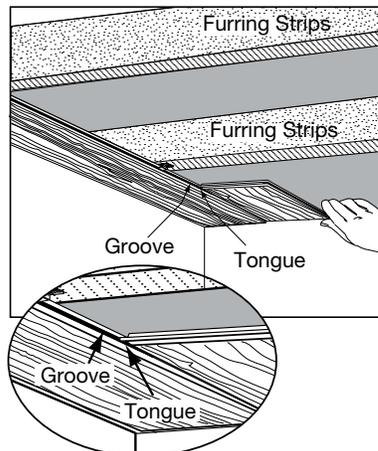
3. Continue measuring, cutting, and installing first row of planks. Cut the last plank to the length that leaves a 3/4" gap at the opposite side wall.



NOTE: 1/2" and 3/4" gap are critical for normal expansion and contraction. The gaps will be covered by crown molding.

3.3 Installation of Remaining Planks

1. Seams from row to row should be staggered. Cut some length from the first plank of the second row to stagger the seams from row to row keeping the 1/2" and 3/4" gaps at the ends.
2. Start the second row by inserting the tongue into the groove of the piece in the first row.



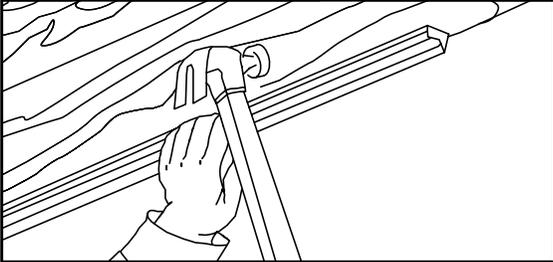
3. Measure the distance to the wall, and cut the last row of planks to fit. Then, cut off the groove side and insert the tongue of the last row into groove of previous row. Run 1 screw per plank into the plank at the furring strip location.

OPTION: You can drive 3 finishing nails per plank into the wall directly under the face of the plank to hold in place. Molding will complete installation.

NOTE: Installation clips included in the Lineage™ Wood Looks package are not long enough to penetrate the joists through the drywall. You must substitute #6 x 1-1/4" coarse thread bugle head drywall screws (by others) for the clips in the package. When attaching to a plaster ceiling, use #6 coarse thread bugle head drywall screws (by others) long enough to get 1" of threads into the joists.

3.4 Install Molding

1. Choose molding wide enough to cover the expansion gap and any plank edge.
2. Paint or stain decorative molding before installing
3. Install molding at the joint between the ceiling and walls, and nail to the wall. **Do not nail into the Lineage™ plank.**
4. Nail molding into the wall studs at least every 24"



4. LARGE CEILING INSTALLATION REQUIREMENTS

If your ceiling installation is greater than 21' in the length direction of the Lineage planks, an expansion joint is required. You will need to plan this detail into the ceiling layout. Expansion joints can be placed more frequently than 21' to achieve a balanced visual.

4.1 Expansion Joints

1. Locate where you will place your expansion joint. This joint will run parallel to the other furring strips. Mark the expansion joint location and install a row of furring strips along those marks.
2. The furring strips should be installed end to end with a 1/2" gap between the ends. Use a Lineage plank to create a spacer for the expansion joint. Rip down the plank into 7/8" wide strips. 1 plank should yield about 5 spacers. **NOTE:** Furring strips should be installed within 6" of either side of an expansion joint. These strips will support the Lineage plank ceiling.
3. Attach these strips to the face of the installed furring strip with screws. Countersink the screws so they do not interfere with the next step and leave 1/2" gap between the ends of these strips.
4. After all of the planks are installed, finish off the expansion joint with a 2-1/2" or wider piece of decorative trim or molding (by others). Pre-painting the decorative trim will help keep your ceiling installation clean. This trim should be attached to the expansion joint assembly using finishing nails.

MORE INFORMATION

For more information, or for an Armstrong Ceilings representative, call 1 877 276 7876.

For complete technical information, detail drawings, CAD design assistance, installation information, and many other technical services, call TechLine customer support at 1 877 276 7876 or FAX 1 800 572 TECH.

For the latest product selection and specification data, visit armstrongceilings.com/lineage.

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