

DO NOT STORE
WHERE TEMPERATURES
MAY EXCEED 120°



DO NOT COVER
WITH
DARK MATERIAL



DO NOT DRAG
COULD SCRATCH
MATERIAL



DO NOT INSTALL
IMPROPERLY COLORED BOARDS
& DOUBLE CHECK TO
YOUR APPROVED SAMPLES
BEFORE INSTALLING



PREPARATION

Apply NuCedar products over a properly installed weather resistant barrier (ex. House Wrap). For further information, feel free to call the manufacturer. Ensure all wall openings and penetrations are properly flashed in accordance with local building codes and window/door manufacturer's flashing recommendations. The NuCedar cladding system is not a water-tight barrier. It is designed to reduce the amount of water that reaches the underlying weather resistant barrier. If installed over Rigid Foam, 1" is the max.

Cedar Breather is not recommended for NuCedar Shingle Installation. Do not install over open framing or furring strips. Install over an intact structurally sound solid sheathing, at least 1/2" thick.

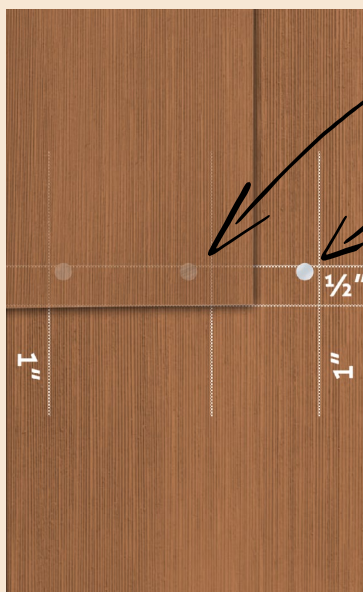
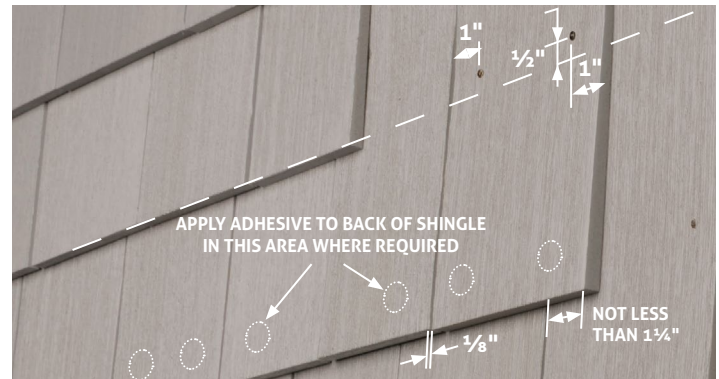
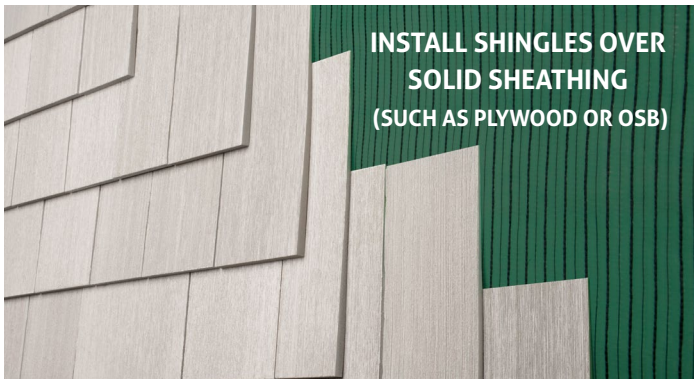
GENERAL INSTALLATION

NuCedar Classic R&R Shingles™ can be cut to a narrower width, just like wood shingles using standard woodworking tools and practices. Be sure to repaint all cut edges.

13" Shingles are for a 5" exposure; 18" Shingles are for a 7" exposure. Calculate the number of courses to be installed by measuring the height of the area to be covered and divide it by the desired exposure. Adjust the exposure to align with bottoms and tops of windows and leave at least 4" for the last course at the top.

Our Patent Brushing patterns produce different color and shading appearance on each shingle, giving the Shingles a quilt-like effect. Shingles should still be double checked to your approved samples before installing.

Do not install any shingles that appear to be defective or do not appear to be coated/painted properly.



- Use 2 fasteners for 4", 5", and 6" wide shingles (4" wide only available in 13" shingles)
- Use 3 fasteners for 7", 8", and 9" wide shingles (9" wide only available in 18" shingles)
- Fasteners should be approximately 1" from the edge and **NO further than 1/2" above the exposure.**
- Fasteners should penetrate 1/2" into the solid substrate (example OSB or Plywood)

Do not over drive fasteners. Overdriving can cause shingle to lift on the wall or to crack during installation.



- Leave approximately 1/8" keyway between each shingle
- Use exterior grade ring shank (5D Stainless) nails or at least 7/16" wide crown stainless steel staples
- Applying adhesive to the back of the shingle where required
- (See Additional Fastening Section)
- Subsequent Courses: Keyways of successive courses must always be offset by at least 1-1/4"

****Installing 13" Shingles should be at 5" exposure; 18" Shingles at a 7" exposure. Please contact your local rep if looking to install at different exposures.****

NORTHEAST REGION:
PHONE: (800)526-4708



SOUTHEAST REGION:
PHONE: (800)296-0288

STARTER & FINAL COURSE:

Trim the bottom of each starter course shingle 5"-7" depending upon planned course exposure. Use the top half as the starter course (bottom portion can be saved and used for the final course). Use 15 gauge stainless finish nails or brad nails and PVC Adhesive to hold the top course in place.

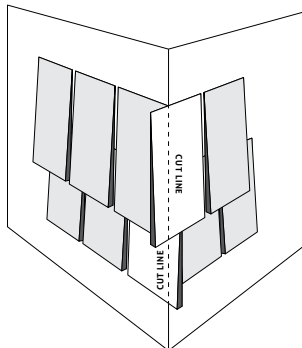
**PVC Adhesive should be stored indoors or in temperatures over 45 degrees. Failure to do so may cause adhesive failure.*

WOVEN CORNERS:

(also called a laced corner) is achieved by overlapping every other siding courses with their adjoining wall counterparts.

Cut on a table saw or jig saw for best aesthetic look and cleanest cut. When this technique is used the end grains of every other piece is left exposed and should be painted using the paint daubers included with your shingles.

**All cut edges should be touched up.*



TOUCH-UP AND RE-PAINTING

ALL TOUCH UP PAINT MUST BE SHAKEN VIGOROUSLY TO ENSURE COLOR MATCHES. Always test the paint in a small area or scrap piece to ensure desired color. Apply touch-up paint to all cut, planed edges, and small damaged areas. To ensure color matches and that heat reflective properties are in the paint, we recommend purchasing paint with us, through your local dealer. However, if needed in a timely manner, use a high-grade exterior latex paint. PPG Permaizer[®] or PPG Acri-Shield Max[®] Exterior 100% Acrylic Latex Satin low sheen Paint. Take a sample with you for color matching purposes.

Re-painting NuCedar Shingles will void your warranty. If you would like to re-paint, use a high-grade exterior latex paint such as PPG Permaizer[®] or PPG Acri-Shield Max[®]. It is recommended that your paint color has a Light Reflective Value (LRV) of 55 units or greater.

Prior to touching up or repainting, make sure that the surface area is properly cleaned and prepared according to manufacturer's specifications.

ADDITIONAL FASTENING:

When shingles are going to be installed adjacent to and/or next to heat reflective surfaces, such as roofs, decks, solar reflective windows, metal flashings or blacktops, additional fastening is required. Sun and heat may cause shingles to lift or curl.

Apply a 3/4" dia. sized dollop of PVC Adhesive to the bottom corners of the back of all Shingles on the first four courses of the wall in high heat area.

Note: When installing a custom color with LRV under 35 PVC Adhesive MUST be used on ALL shingles.

FLARES:

We recommend storing shingles in a warm area to help with flexibility. PVC Adhesive is recommended for flare applications.

For minor flares, the NuCedar shingles will have enough flexibility without the application of additional heat.

For aggressive flares, use a heat blanket or heat gun to create your desired flare. Do not put the heat gun directly on the material.



TRIM AND CORNERS

For Trim and Corners, use NuCedar Color Trim package. Standard Corners and Trim are available with our NuCedar Shingle Installation.

Trim and Corners will need to be installed first before the Shingles. For installation questions on Trim and Corners, please visit our website at gardenstatelumber.com/NuCedar/technical/installation-guide/

CARE AND MAINTENANCE

NuCedar products can be safely cleaned using a mixture of water and mild detergent or a mild household cleaner. Remove mold/mildew using a mild commercial mold/mildew remover. Examples are a 10:1 bleach mixture or products such as Wet&Forget[®] or Simple Green[®]. Be sure to test a small area before applying everywhere. NuCedar can be lightly sprayed or cleaned with a house brush (high pressure power washers could destroy the Rough Sawn texture, please consult a rep before deciding to do this) to remove dust and debris. Refer to manufacturer's instructions.

YOU MUST FOLLOW THE INSTALLATION INSTRUCTIONS IN THIS MANUAL TO MAINTAIN PRODUCT WARRANTY

In order to secure your warranty, please visit our website to register your product: jainbuildingproducts.com/warranty-registry For additional copies and revisions, go to gardenstatelumber.com/NuCedar.

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VARYING SHINGLE WIDTH PATTERN

SUPPLEMENTAL GUIDE FOR ACHIEVING A NATURAL, AUTHENTIC APPEARANCE

For an authentic, natural appearance, it is essential to **vary shingle widths randomly from course to course**. Do not stack same-width shingles directly above one another across consecutive courses — this creates visible vertical columns that look manufactured rather than natural.

BEST PRACTICES

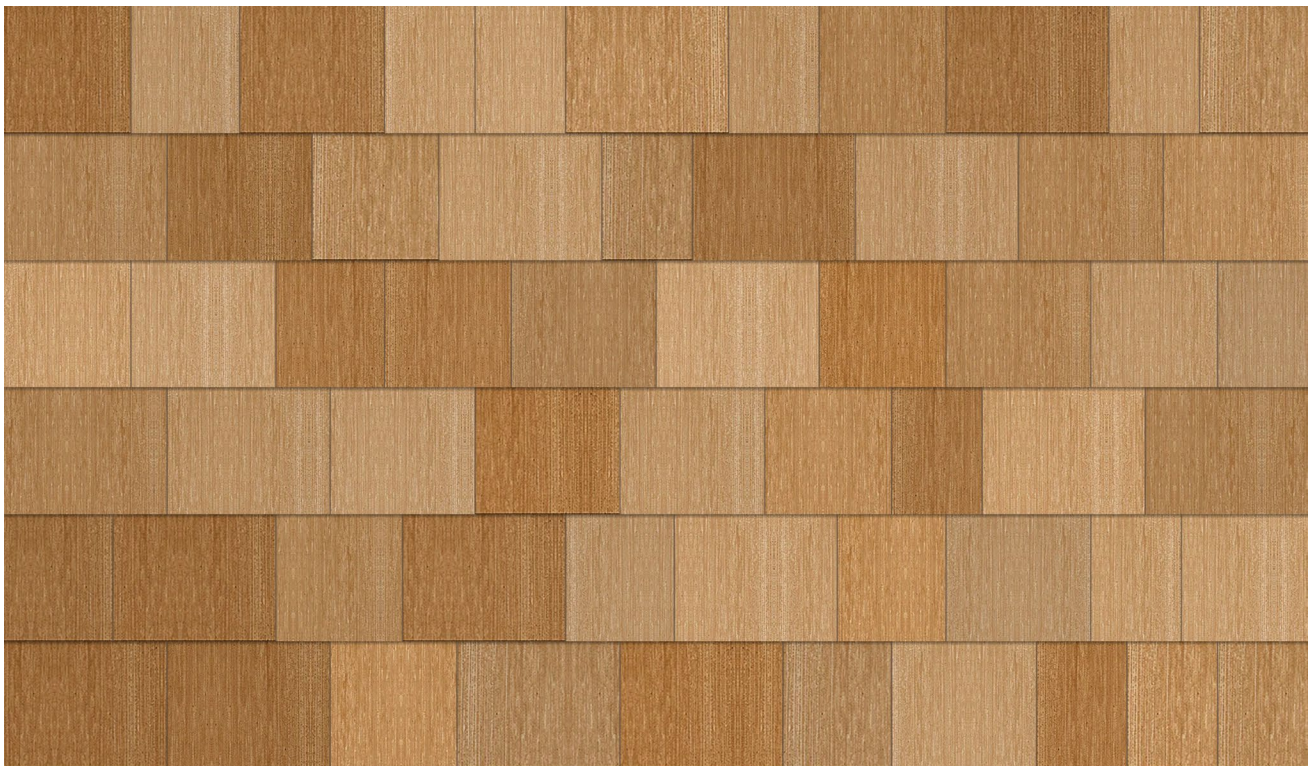
- **Mix widths within each course.** Alternate between narrow, medium, and wide shingles across each row. Do not cluster same-width shingles together.
- **Break up the vertical rhythm.** When placing a shingle, glance at the course below — place a wide piece over where two narrower pieces meet, or vice versa. Avoid repeating the same pattern from course to course.
- **Offset keyways** a minimum of 1¼" from the nearest shingle edge in the courses directly above and below.
- **Minimum cut width:** When cutting shingles to fit against corners, window casings, or door frames, do not use any cut piece narrower than 3". Trim a wider shingle down rather than using a narrow offcut.

SHINGLE WIDTH RANGES

SHINGLE LENGTH	WIDTH RANGE
13" Shingles	4" to 8"
18" Shingles	5" to 9"

CORRECT INSTALLATION PATTERN - 18" SHINGLE AT 7" EXPOSURE

Shingle widths 5" to 9" | Keyways offset minimum 1¼" from nearest shingle edge above/below



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