



FIG. 1

NuCedar Classic R&R Shingles[™] have been designed to replicate the look of a traditional wood shingle. As a result, no two shingles will be identical and the appearance of each shingle will be unique. Brushing patterns will produce different color and shading appearances on each piece.

Do not install any shingle that is not properly colored on its face, sides or butt. Just as with a wood product not every shingle will lie perfectly flat on the wall – this in no way is an indication that the product will not function properly. NuCedar shingles, like all PVC products, will expand and contract so please follow the keyway spacing outlined below.

NUCEDAR FUNDAMENTALS

- #1: Inspect product before it is installed onto wall for both coating and general appearance. Contact your dealer immediately if product is defective or not coated properly.
- #2: Do NOT install the product if it is not properly coated or does not look right.
- #3: Handle and cut to size like a cedar or pine shingle.
- #4: If temperature is below 40 degrees please follow "Cold Weather Installation" directions.
- #5: Leave appropriate keyways between each shingle. Do NOT butt shingles together.
- #6: Make sure to use adhesive when appropriate. Please see "Additional Fastening" under the "General Installation" section for instructions.
- #7: Do NOT store material under dark cover or on hot surfaces such as asphalt.
- #8: Once installed, Do NOT cover the shingles on the wall with a tarp. (ex. Cover shingles to protect from paint). This could cause the shingles to lift and possibly curl.
- #9: Follow installation instructions provided. Please register your product at <http://www.nucedar.com/technical/warranty/>. Failure to do either may void the product warranty or any future claims.

STORAGE AND HANDLING

Store NuCedar products in the shade and on a flat surface. Do not store NuCedar in any location where ambient temperatures may exceed 120°F (e.g. on blacktop pavement, under dark tarps, etc.)

PREPARATION

Apply NuCedar products over a properly installed weather resistant barrier (ex. House Wrap) and 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.

Determine that the framing is true and without excessive bowing. Do not install NuCedar over open framing. Install shingles over solid sheathing (such as plywood or OSB). NuCedar Shingles cannot be installed over furring strips.

MAXIMUM EXPOSURE	
13" Classic R&R Shingle [™] :	5"
18" Classic R&R Shingle [™] :	7"

Installation must follow these instructions to maintain product warranty.

GENERAL INSTALLATION

NuCedar Classic R&R Shingles[™] can be cut to a narrower width, just like wood shingles. Be sure to repaint any cut edges.

NuCedar Classic R&R Shingles[™] are intended to be installed when the temperature is 40°F or higher.

Cut NuCedar products using standard woodworking tools and practices. 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.

Fastening: (refer to Fig. 1)

Use exterior grade ring shank (a good example is 5D Stainless) or siding nails or at least 7/16" wide crown stainless steel staples. Fasteners must penetrate at least 1/2" into the underlayment. Do not over drive fasteners. Overdriving can cause shingle to lift on the wall or to crack during installation

For Shingle Widths of 4", 5", and 6", use 2 fasteners per shingle, approximately 1" from each edge and 1/2" above butt-line of the overlapping shingle. Shingle Widths 7", 8" and 9", use one additional fastener in the center of the shingle.

Leave a minimum keyway space of 1/8" between shingles.

Starter & Final Course: Trim the bottom of each starter course shingle 5-7" depending upon planned course exposure. Rip the Shingles and use the top half of the shingle as a starter course, you can save the bottom half for the top of the wall. Top courses should be fastened with a 15 gauge stainless finish nail and we recommend using Fill & Flex to hold in place.

Subsequent Courses: Keyways of successive courses must always be offset by at least 1-1/4".

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 stone

Installation must follow the instructions in this manual to maintain product warranty.

In order to secure your warranty, please visit our website to register your product. www.nucedar.com/technical/warranty/

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patios additional fastening is required. Sun and heat will increase the temperature of the shingle that it is reflecting against and may cause shingle to curl.
General Installation Continued on Page 2

GENERAL INSTALLATION CONTINUED

Apply a 3/4" dia. sized dollop of "Fill and Flex" single part adhesive to the bottom corners of the back of all Shingles on the first four courses of the wall. Fill & Flex should be stored in room temperature do not allow to freeze.

Apply adhesive as described above to all Shingles factory coated with custom colors that have a LRV (light reflective value) of 35 units or less.

Note: Stainless steel brad nails can be used in place of the adhesive. Place the brad nails in each corner of the butt of the shingle 1" above the butt and 1" in from the side.

To create Boston Weave Corner, alternate shingle courses on both walls ripping every other factory edge. Triangular foam brushes work great for woven corners. Touch up edges accordingly.

Flares are a nice added feature that can be applied using NuCedar Shingles. They should be pre-drilled to prevent cracking and Fill & Flex is recommended. If the flare is aggressive, use a heat blanket to create your desired flare.

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 www.nucedar.com/technical/installation-guide/

TOUCH-UP AND RE-PAINTING

Apply touch-up paint on all cuts, planed edges and small damaged areas.

NuCedar can be touched up with a high-grade exterior latex paint. NuCedar recommends PPG MANOR HALL® Exterior 100% Acrylic Latex Paint. Take a sample of the product you are trying to match and your local PPG store will color match the touch up paint for you. You may also purchase touch-up paint through NuCedar, just contact your local dealer.

In the future, if you would like to repaint the product, it is possible to do; however, you will void your warranty going forward. For re-painting, use a high-grade exterior latex paint, such as PPG *Manor Hall* (Exterior, Satin Finish). Make sure 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.

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COLD WEATHER INSTALLATION

When temperatures are 40°F or below, winter storage and handling procedures should be followed:

- Shingles should be stored in an interior space / heated job trailer or
- Shingles should be warmed for 4 hours in a warming tent prior to installation or
- Shingles should be predrilled prior to nailing

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. NuCedar can be lightly sprayed or cleaned with a house brush (high pressure power-washers could destroy the Rough Sawn texture) to remove dust and debris. Refer to manufacturer's instructions.

NuCedar Siding & Color Trim Warranty Registration

In order to secure your warranty, we ask that you please fill out the form below and mail back to us at address below, or you may also register online at www.nucedar.com/technical/warranty/

NuCedar Mills
Warranty Registration Department
1000 Sheridan St, Chicopee, MA 01022

Homeowner Full Name	Number of Squares and/or LF of Trim
Email Address	(or you can attach a copy of the packing slip)
Phone Number	
Address Material is installed	
City, St/Prov/Region, & Zip	
Country	
Date of Installation	Dealer Name (Where Purchased)
Type (Shingle, Clapboard, Trim, etc.), Color, Texture	Dealer Address
Contractor Name & Phone Number	Dealer City, St/Prov/Region, Zip

Installation must follow the instructions in this manual to maintain product warranty.
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