



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.

Please 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.

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 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).

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

GENERAL INSTALLATION

Install NuCedar Classic R&R Shingles™ after trim.

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.

If the temperature is below 40°F please see "Cold Weather Installation" section below.

Cut NuCedar products using standard woodworking tools and practices. Avoid using fine tooth blades. 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 nails or at least 5/8" 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

Use 2 fasteners per shingle, approximately 1" from each edge and 1/2" above butt-line of the overlapping shingle. If shingles are wider than 6", use one additional fastener in the center of the shingle.

Additional Fastening:

When shingles are going to be installed adjacent to and/or next to heat reflective surfaces, such as roofs, decks, metal flashings or stone patios additional fastening is required. 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.

Apply adhesive as described above to all Shingles factory coated with special order colors that have an LRV (light reflective value) of less than 55.

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.

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

Starter Course: Trim the bottom of each starter course shingle 5-7" depending upon planned course exposure.

First Course: Overlay starter course and offset keyways by at least 1-1/4".

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

CORNERS/TRIM

Use NuCedar Standard Trim and Standard Corners.

To create Boston Weave corner, alternate shingle courses on both walls. Touch up edges accordingly.

TOUCH-UP PAINT

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

NuCedar products are coated with an industrial coating, by Sherwin-Williams®. NuCedar recommends Sherwin-Williams® Duration® or Super-Paint® (Exterior, Satin Finish).

For repainting instructions visit <http://www.nucedar.com/literature.html>

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

Installation must follow these instructions to maintain product warranty.

For additional copies and revisions, go to www.nucedar.com.