

## SMARTBARK INSTALLATION

Proper installation of your SmartBark siding is crucial to ensure longevity and to achieve the most beautiful result for your home or project. Please read the following guide in its entirety:

### TOOLS:

1. Miter Saw
2. Table Saw
3. Drill
4. Tape Measure
5. Level
6. Chalk Line
7. Caulking Gun
8. Pen

### MATERIAL:

1. SmartBark
2. 15-30 lb, 3' Roofing Underlayment (Flatback only)
3. Underlayment Nails (Flatback only)
4. Exterior Screws
5. Clear Caulk
6. Optional Specified coating - Sherwin Williams: BP siding series or Resilience series FLAT Finish

SmartBark comes in three versions; Vapor Lock- Elite, Flat Back and Vapor Lock “Old Style” Flatback interior shakes are similar to natural bark shakes and are installed in a manner similar to natural bark with roofing underlayment between each course of bark. Vapor Lock shakes do not require roofing underlayment between each course and are attached to the substrate primarily by screwing through the top and right – hand, hidden attachment flange.

NOTE: At the thickest measurement the Elite Chestnut panel is 3.5 inches thick. This will require adjustment to casings and trim determined by your Contractor.

## VAPORLOCK INFORMATION: ELITE SERIES and “OLD STYLE”

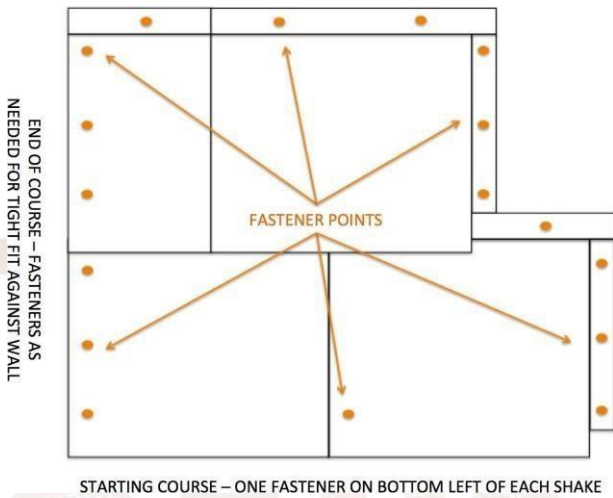
VaporLock shakes are much easier to install than FlatBark shakes. No underlayment is required beyond an approved house wrap barrier, overlap and tilt are built into the shake, and the shakes fit together in only one fashion, always working from left to right. Screws are primarily fastened through the hidden attachment flange on the top and bottom of every shake. The VaporLock channel on the bottom of every shake will fit tightly into the course below.

### BEGIN WITH WALL PREP:

Substrate must be rigid plywood or approved OSB covered with an approved house wrap barrier that will offer water resistance and breathability.

### VAPORLOCK INSTALL (FIGURE 3):

FIGURE 3 – VAPORLOCK INSTALL FRONT VIEW



1. Begin installation with a full panel at the bottom, far left of the wall. Fasten shake with screws through the indentations on the hidden attachment flange. There will be two indentations on the top flange and three on the right flange.
2. Continue fastening across the row fitting each shake tight against the shake to the left.
3. At the beginning and end of each course and at the bottom of starting courses, fasten the shake with 2 to 3 additional screws through the face, in the valley of the bark pattern, as needed to achieve a tight fit against the wall.
4. Strike a chalk line to check that your course is level and begin installing the second course of bark shakes from the far left, beginning with a partial shake. Be careful to stagger seams between shakes so they do not line up with the course below.
5. Continue with additional courses as necessary. Each course should fit tightly into the course below.
6. Caulk course ends as necessary for weather- tight fit.

#### ANGLED CUTS:

Because tilt and the hidden attachment flange are built into each shake, it is important to cut shakes in a manner that preserves the overall integrity of the shake. If a cutout must be made, the right side of the shake should be cut away, preserving the left side of the shake to be tightly fit against the previously installed shake. Edges that are cut can be painted with specified coating to ensure longevity.

#### CORNER TREATMENTS:

Both inside corners and outside corners require careful consideration to ensure an attractive, weather-tight finish. Corners can be boxed out in standard, wood trim pieces or shakes can be mitered to make a trim-less or wrapped corner. If using trim, paint or stain the trim prior to bark installation and caulk the joint between the bark and trim when installation is complete. Color variation can but rarely occur. If mitering for a trim- less or wrapped corner, alternate from which wall the bark fully extends to the corner. Make sure all corners are weather tight. Barkclad recommends caulking seams as practicable .

Barkclad does not warranty the installation of Smartbark. BarkClad recommends using a licensed and insured Contractor for all SmartBark installations.

Please feel free to contact BarkClad at [info@barkclad.com](mailto:info@barkclad.com) with any additional questions and Thank you for Choosing BARKCLAD.

#### SW Paint color

Poplar Gray

1-Base: Mego Greige #7031

#### American Chestnut

1-Base: Smokehouse #7040 - Poplar Elite

