ADORN® Mortarless Stone Veneer

INSTALLATION INSTRUCTIONS

TOOLS NEEDED FOR INSTALLATION:

- Safety glasses
- Gloves
- Ear Plugs
- Dust Mask
- Level
- Exterior coated screws or nails
- Drill
- Saw with masonry blade
- Measuring Tape
- Caulking gun
- Utility Knife
- Hammer

Safety first is the number one priority with any construction project. Always wear safety glasses and gloves when handling Adorn and a dust mask when cutting.

FASTENERS
- Must be corrosion resistant with a 3/8" minimum head diameter and 1/8" shank.
- Typically 1 ½" to 1 ¾" in length depending on what you are attaching the panel to.
- The length will vary and needs to be able to penetrate the studs to a depth of 1".
- NCP recommends the use of quality COATED exterior construction nails or screws.
- NCP is not responsible for the corrosion resistance of fasteners. Treated lumber may react with metal or coating of fastener. Determine compatibility when selecting fasteners.

CUTTING
- Cutting is often a key part of the installation.
- You can use a chop saw, circular saw, wet or dry saw, or a grinder with a diamond blade.
- Take all necessary precautions when cutting, use safety glasses, gloves, and dust mask.
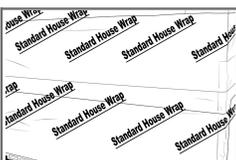
RESTRICTIONS
- ADORN® Mortarless Stone Veneer can be used on new or existing construction.
- ADORN® is nailed or screwed onto the wall; therefore no brick ledge is required.
- ADORN® is limited to a height of 30ft with a normal building design.
- Heights may be increased when specified by a structural engineer and approved by building officials.
- Maintain a 2″ clearance from hard surfaces such as pavement and patio surfaces.
- When a section of wall wraps over the top of the roof, this is called a "floater". Extra support is needed in this area prior to the installation of Adorn.
- NCP Industries will not warranty product damaged by heaved concrete or hard surfaces.
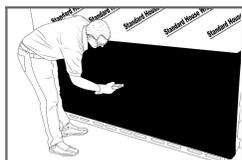
PREP WORK
- ADORN® is designed to install over 7/16" or greater OSB or plywood sheathing attached to wood or metal studs.
- Two layers of code-approved weather-resistive barrier (WRB) must be installed for exterior installation. Typical WRB's are Grade D building paper or #15 felt. Housewrap may be used as an inner layer.
- All wall penetrations, doors, and windows should be sealed using self-adhesive flashing properly wrapped and lapped per the flashing manufacturer's instructions.
- If treated wood is used, use 30lb felt or building paper.
- The factory edge of ADORN® panels should be used in all areas where the edge is visible.

ADORN® Install Guide

Step 1:
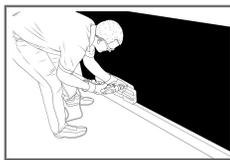Install standard house wrap over project area.

Step 2:
Add an additional layer of weather-resistant barrier (WRB) such as 15 lb felt over the house wrap.
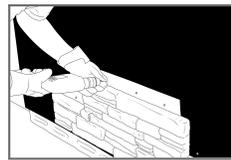

Step 3:
Begin installing ADORN® Flat with fasteners.

Pro Tip: Use a 2x4 at the base to line up flats for a level install.

Step 4:
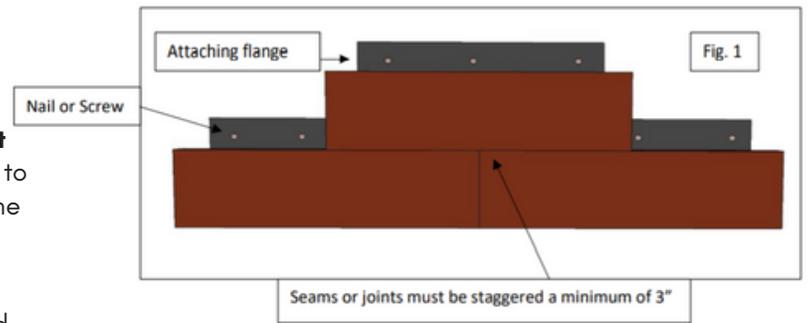Continue to stagger flats on top of each other, working your way up.

Step 5:
Finish your install by using ADORN® accessories such as corner stones, sills and outlet boxes.
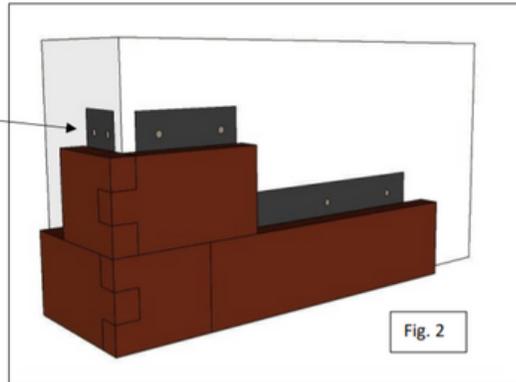
Installing Flat Panels

- Start installing the ADORN® panels at the bottom checking for level after each course is installed (make adjustments to level if necessary). Chalk a level line to follow during installation.
  - **PRO TIP**: Securing a level 2x4 to the bottom of the structure will help get the base row of panels level. Remove the 2x4 after installation.

- Each siding piece is installed using 3 fasteners and **must have at least one of its fasteners attached to a stud** to a depth of 1". The fasteners should be placed 1" above the veneer.

- Create a stagger. When placing the flat panels on the wall, each seam on the lower course must be overlapped by a minimum of 3" on each side of the seam by the upper course (see Fig 1).

- Continue to stagger flats on top of each other, working your way across and up as you go.

Attaching flange — Nail or Screw — Fig. 1

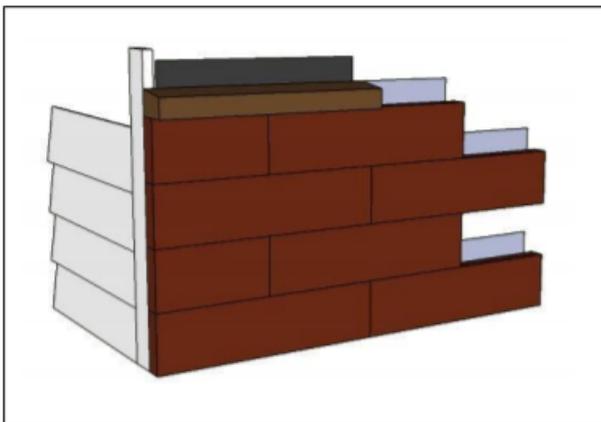Seams or joints must be staggered a minimum of 3"

- Cutting may be required.

- If so, you can use a chop saw, circular saw, wet or dry saw, or a grinder with a diamond blade.

- **PRO TIP:** Bury the cut end inside the row to hide any unfinished edges.
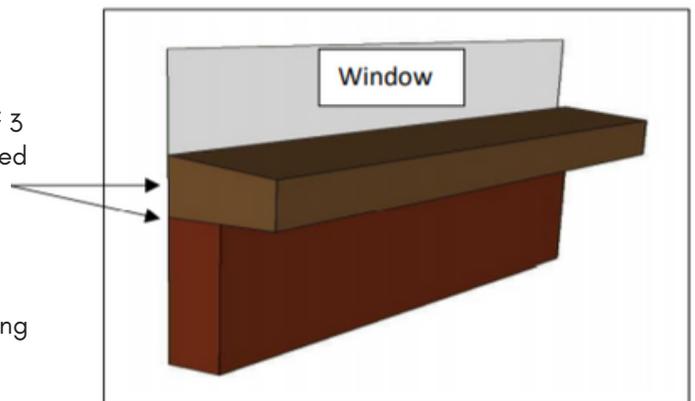
Installing Corners

- Corners are packaged as a set. When installing corners, use the sets as they are shipped.

- Corners are engineered to create a natural stagger on each row. (see Fig 2).

- Install using 2 fasteners in through the attaching flange

- ADORN® can be used as an inside or outside corner.

If the project requires corners, install the corner first and work out both sides. Corners should be installed with each course. Each corner piece needs two screws or nails to securely attach. Inside corners use the same corner pieces reversed.

Fig. 2

- For applications where the ADORN® system will terminate without a corner return, one suggestion is to have the ADORN® veneer extend past the structure the width of the siding, corner trim, J channel, etc, on the return.

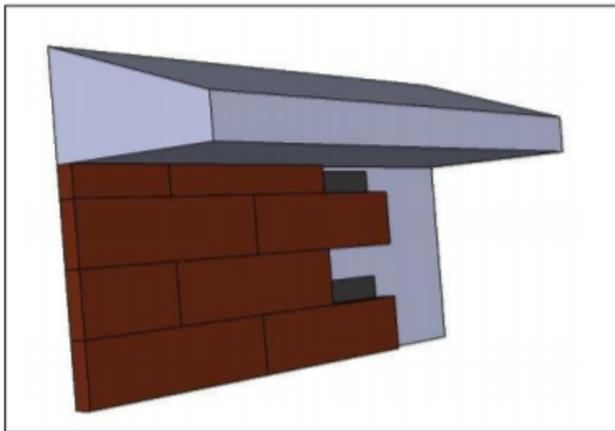- For a finished look, place the panels with the factory edge exposed.

Installing Sills

Window

- The sills are installed the same as the panels with a minimum of 3 fasteners and **must have at least one of its fasteners** attached to a stud**.

- To install a sill under a window, carefully remove the attaching flange and glue with a heavy-duty construction adhesive.

- Place adhesive to the back and the bottom of the sill piece being installed.

Removing the Attaching Flange

- During the installation, some panels will need to be cut to fit and the attaching flange will need to be removed.
- To remove the flange, carefully cut off with snips. **This may produce sharp edges so handle with care.**
- Pieces without the attaching flange will need to be installed with adhesive. In order to achieve a good bond, a non-painted, clean flashing material must be attached to the structure first. After the bonding surface has been installed, use a heavy-duty construction adhesive such as PL Premium or DAP DynaGrip Max to install the ADORN® pieces.
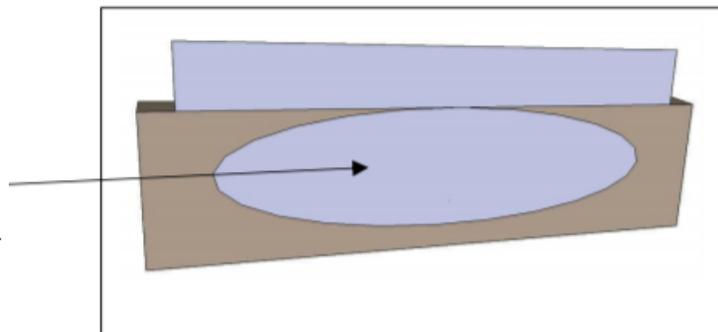- Additional temporary support may be needed until adhesive cures.

Installing to the Soffit

- To finish projects where ADORN® is to be installed up to the soffit, measure the distance from the last full panel installed to the soffit.

- Cut ADORN® panels to fit and glue into place using construction adhesives, such as PL Premium or Dap DynaGrip.

- You may need to trim the attaching flange from the last full panel or securely attach a nonpainted, clean flashing material to the structure to achieve a good bond surface.

FREEZE THAW INFORMATION

- Our product is designed to allow natural movement that protects from freezing, thawing, and settling.

- If you use adhesive on the ADORN® panels, only place in the noted area to allow for drainage.

- Maintain a 2" clearance from hard surfaces such as pavement and patio surfaces to prevent damage during freeze/thaw temperatures.

IMPORTANT INFORMATION

- Ensure that ADORN® is being installed to a structure that meets all building code requirements. Code-approved flashing must be used at all terminations, penetrations, and material transitions. Control moisture penetration caused by runoff, gutters, and downspouts. If there is any question as to the integrity of the structure, contact the appropriate professional to correct it. ADORN® should maintain a 2" clearance from hard surfaces such as pavement and patio surfaces.
- When cutting, grinding, or trimming any ADORN® pieces, always follow the tool manufacturer's safety instructions and use the appropriate safety protection.
- Cutting dust and general construction dust can be removed with clean water and if needed, a nylon bristle brush. Do not clean with a power washer, harsh chemicals, or acid products.
- The small side of the corner occasionally may not fit as snug as desired. If needed, a dab of construction adhesive can be applied to the back of the piece to ensure a snug fit.
- The corners are manually checked to fit together and are packaged as a set. There are 4 sets placed in the box together and the remaining 2 sets have the 5.5" pieces at one end of the box with the 2 9.5" pieces lying flat on the top. When installing corners, use the sets as they are shipped.
- See our website for Warranty & Care Information - www.adornstone.com/resources

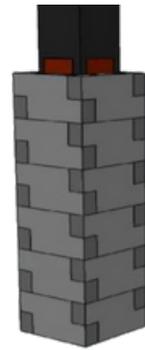ADORN® / Rust-Oleum coordinating colors to touch up the base color:

Colorado Gray - #249279 Primer Gray   Desert Tan - #7772 Putty
Northern Gray - #249279 Primer Gray   Terra - #249857 Satin London Gray
Buckskin - #7226 Bronze   Slate & Limestone - #249279 Primer Gray
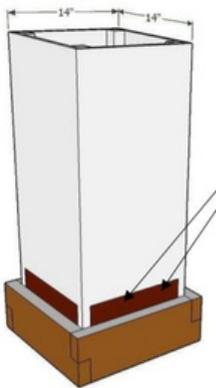
Installing Post Stone

- Attach the base course first.
- Place 4 Post Stones around the base of the 6″ X 6″ post as shown.
- Level the base course and attach with 2 screws per Post Stone through the attaching flange approximately 1″ above the stone veneer.
- Continue installing the Post stones one course at a time.
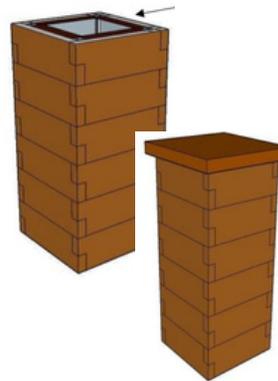- Square up the corners, check for level and attach with screws.

Installing Pillar Stone

- Construct the pillar base using 2″x 2″s and OSB or plywood to the desired height.
- Each Pillar Stone is 6″ high so designing the height in 6″ increments will eliminate cutting of the Pillar Stones.
- The outside dimensions need to be 14″x14″.
- Cover the frame with an ice and water resistant type of wrap.
  - **PRO TIP:** It is recommended to use treated lumber (2″x4″) on the base. Anchor the pillar as needed.

- Attach the base course:
- Place 4 Pillar Stones around the base as shown.
- Level the base course and attach with 2 screws per Pillar Stone through the attaching flange approximately 1″ above the stone veneer.
- Continue installing the Pillar Stones one course at a time.
- Square up the corners, check for level and attach with screws.

- When you get to the top course, bend the flashing over the frame and screw into place.
- Place a bead of construction adhesive around the top of the Pillar Stone.
- Set the ADORN Pillar Cap in place.
- The finished pillar will be approximately 18″ square.

LIMITED LIFETIME WARRANTY

- ADORN® STONE VENEER SIDING PRODUCTS ARE UNDER WARRANTY FOR A LIMITED LIFETIME FROM THE DATE OF PURCHASE WHEN INSTALLED IN CONFORMANCE TO LOCAL BUILDING CODES AND MANUFACTURER'S INSTRUCTIONS. NCP WILL REPLACE ANY MATERIAL DEEMED DEFECTIVE AT NO CHARGE.

- THIS WARRANTY IS LIMITED TO THE ORIGINAL PURCHASER AND MAY NOT BE TRANSFERRED.

- THIS WARRANTY DOES NOT COVER DAMAGE RESULTING FROM THE FOLLOWING:
  - SETTLING OF BUILDING, HEAVING CONCRETE FOUNDATION, OR OTHER SOLID SURFACE STRUCTURAL MOVEMENT
  - DISCOLORATION DUE TO AIRBORNE CONTAMINANTS, HARD WATER, CONTACT WITH CHEMICALS OR PAINT, STAINING OR OXIDATION
  - USE OF A NON-BREATHABLE SEALER.
  - USE OF QUALITY EXTERIOR CONSTRUCTION NAILS OR SCREWS. NCP IS NOT RESPONSIBLE FOR THE CORROSION RESISTANCE OF FASTENERS. TREATED LUMBER MAY REACT WITH METAL OR COATING OF FASTENER. DETERMINE COMPATIBILITY WHEN SELECTING FASTENERS.

- THIS WARRANTY COVERS ONLY MANUFACTURING DEFECTS IN STONE VENEER SIDING PRODUCTS MANUFACTURED BY NCP INDUSTRIES.
- NCP IS NOT RESPONSIBLE FOR LABOR COSTS INCURRED IN REMOVAL AND REPLACEMENT OF DEFECTIVE PRODUCTS.

IMPORTANT NOTICE:
IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY,

- THE OWNER MUST RETURN THE DEFECTIVE STONE VENEER SIDING TO THE DEALER WHO SOLD THE PRODUCT. ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION AS STATED ABOVE.

- THE EXCLUSIVE REMEDY UNDER THIS WARRANTY IS THE REPLACEMENT OF THE DEFECTIVE STONE VENEER SIDING.

- NCP INDUSTRIES SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE ARISING FROM ANY BREACH OF WARRANTY.

FOR CLAIM ASSISTANCE CONTACT:
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888.379.2210 | NCPINDUSTRIES.COM

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Made In the U.S.A.

ADORN®
Mortarless Stone Veneer