

# INSTALLATION GUIDE

Qora Cladding is made by Arcitell, a leading manufacturer of patented fiber reinforced polymer panels for residential and commercial siding.

**Qora Cladding is Approved for Exterior Use Only**

## TOOLS & SUPPLIES NEEDED

- Diamond coated tile and/or jigsaw blades
- Disc grinder (optional)
- 1" paint brush
- #8 modified truss head lath screws 2"+ long
- Rubber mallet
- Shims
- Putty knife
- High-quality acrylic sealant
- Construction adhesive

### **Recommended construction adhesive for adhering bridge veneers.**

- Titebond Ultimate TiteGrab Adhesive
- DAP DynaFlex 920\*
- Henkel Loctite PowerGrab Ultimate Clear\*

*\* Also for edge sealing, face fastener covering and general caulking and sealing.*

# INSTALLATION STEPS

## START FIRST COURSE

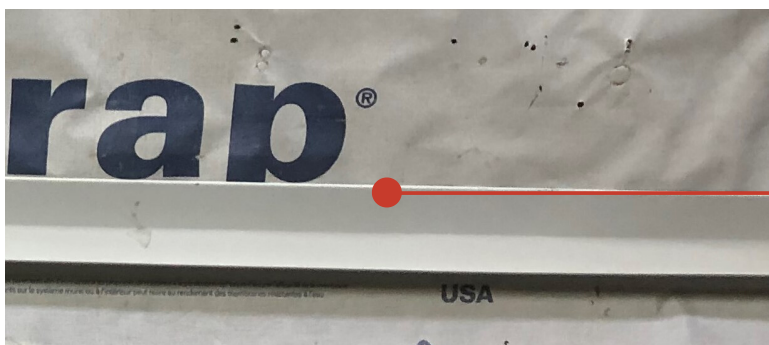
- Level first course of panels and leave bottom edge exposed
- If required, install vented strip behind bottom edge of first course panels
- If required, install pest deterrent behind bottom edge of first course panel

## STARTER & TRIM ALTERNATIVE

- Install starter strip or 1" pocket J-channel at bottom of wall
- Allow for water drainage with weep holes or similar drainage feature



J-channel



Metal Starter Strip

- Install 1" J-channel or other trim material with a 1" receiving pocket on right and left sides of section to be covered
- Install 1" J-channel or other trim material with a 1" receiving pocket around windows, door and other openings

## 1ST COURSE PANEL INSTALLATION

### OPTION A:



- Trim off 6" of the leading edge of the panel to eliminate the veneer seats
  - Seal the cut edge
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### OPTION B:



- Install full panels into side trim
- Trim bridge veneer
- Install trimmed bridge veneer (*See Adhering Bridge Veneers Section*)

## 1ST COURSE PANEL INSTALLATION (CONTINUED)

- Fasten 2 screws or nails into top hem spaced approximately 12" apart
- Tap panel for tight fit
- Fasten screws into each of the veneer seats (2 per side of panel, for a total of 4 per panel)
- See fastener schedule below



- Insert next panel, lightly butt to adjacent panel and level with adjacent panel
- May need to use a rubber mallet to ensure a snug fit between panels
- Fasten in a similar fashion as first panel
- Continue to install panels until space left requires a cut panel
- Install bridge veneer between two panels (*See Adhering Bridge Veneers Section*)



### FASTENER SCHEDULE:

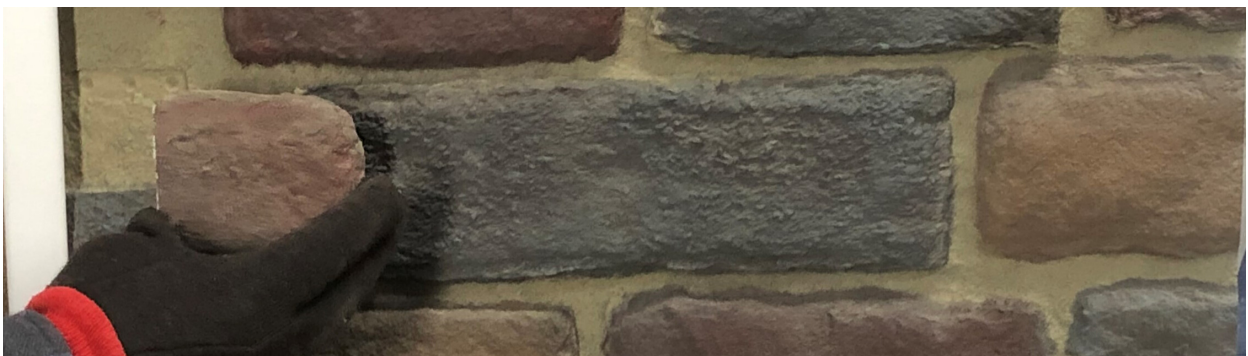
	Total pull-through resistance of the panel(lb) per recommended schedule	lb/ft <sup>2</sup> resistance to pull-through	Head Type	Minimum Shank Diameter	Minimum Length	Shank Style	Coating
Roofing (hammer) Nail	1,218	185	Flat Only	11 Gauge	1.5"	Smooth/Ring	Electro Galvanized, Zinc Coated or Stainless Steel
Coil Nail	1,328	209	Flat Only	11 Gauge	1.5"	Smooth/Ring	Electro Galvanized, Zinc Coated or Stainless Steel
Screw (self tapping)	1,784	270	Flat Only	#8	1.5"	Coarse Thread	Zinc Coated or Stainless Steel



## ADHERING BRIDGE VENEERS

*(BY COURSE OR ENTIRE WALL ONCE PANELS ARE INSTALLED)*

- Dry fit bridge veneers to fit in space over veneer seats
- Trim and sand veneer to fit into space as needed
- Apply small amount of construction adhesive (such as TiteGrab) to back of bridge veneer
- Fit bridge veneer in to space and apply medium pressure to ensure good bond
- Repeat for all remaining bridge veneers



## 2ND AND SUBSEQUENT COURSES

- Stagger courses by removing portions of panel (i.e. 1/2 or 1/3) to ensure panel joints do not line up on each other vertically.
- Repeat process for first course panels and bridge veneers



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## TERMINAL COURSE

- Measure and cut terminal panel with 1/8" gap inside J-channel
- Prime cut edge with 100% acrylic and color matched paint
- If fastening plates are cut off, face fasten screws no closer than 1/2" from cut edge and in the joint
- Fastener should adhere to back skin of panel creating a shallow hole above screw head
- Fill void over screw head with color matched sealant (i.e Dynaflex 920 )





## CUT PANELS TO ACCOMMODATE ANY OPENINGS IN SIDING, LEAVING AN 1/8" GAP TO ANY TRIMS

- Seal/caulk interfaces between panels and prime as needed
  - Seal any cut edges
  - Ensure any flashing diverts water to the air gap between the weather resistive barrier/sheathing and back of panel
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## OPTIONAL ENHANCEMENTS

- Seal any joints with color-matched caulk of gap if visible
- Touch up scuffs or abrasions with color-matched high-quality acrylic paint

