



Avenere
CLADDING

Elevate Your Façade®

“For Cone Health Women’s Hospital, we wanted it to stand on its own as an addition, but still feel like it belonged to the original building. NeaCera was such a good fit due to its progressive and distinctive look, but still being close enough to the original brick façade to do it justice. Avenere Cladding creates lasting relationships with their clients and are truly invested in your vision and the project’s success.”

Nick Cooper

Designer

2400 Sisson Street Baltimore, MD 21211-2903

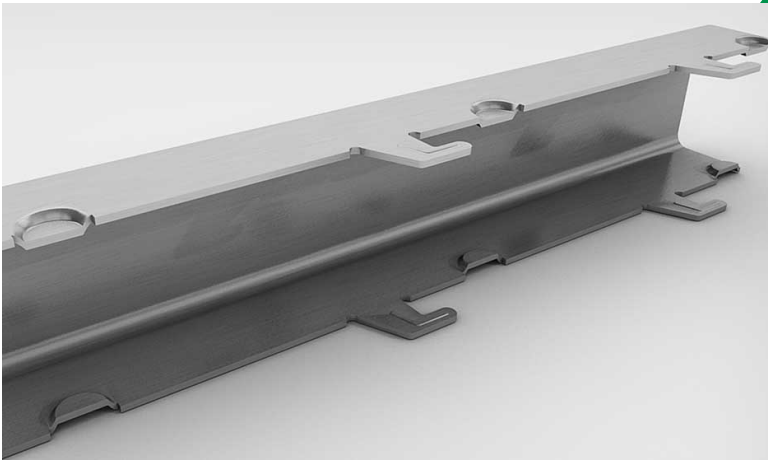
AvenereCladding.com • 410.338.1122

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OVERVIEW

NeaCera Terra-cotta Cladding is a complete, pre-engineered architectural rear-ventilated rainscreen solution using only 3 universal components. Featuring “Lift & Lock” technology, the system’s innovation comes from a high density panel in a solid wall design with rear facing reinforcing ribs which serve as a simple and fully integrated panel hanging mechanism. As a result, panels are quickly and easily installed via the “Lift & Lock” method onto aluminum Support Profiles with Joint Inserts, assuring consistent and uniform vertical and horizontal alignment. NeaCera fulfills the functional and aesthetic needs of the design community while also catering to the installer community through it’s ease of installation.



1. Marine-Grade Aluminum Support Profile

Support Profiles are designed for each panel size. The upward-facing hooks on the front of the Support Profiles are engineered to mate precisely with the rear facing reinforcing ribs of the panels.

To aid the installers, Support Profiles include indicators (notches) where cuts are to be made, and registered tab marks (“half-disc” indentures) designed to engage with the flanges on the sides of the Joint Insert.



2. Marine-Grade Aluminum Joint Insert

Joint Inserts come in a variety of sizes, shapes and configurations. They are designed to simply snap into place on the Support Profiles without any fasteners or additional hardware.

Each Joint Insert is designed for a specific size Support Profile and Panel. Joint Inserts include a bent fold to apply pressure on the back of the panel so the panels do not rattle or move. The Joint Insert provides for a clean set joint line so the panels don’t drift out of alignment and aid in ease of panel installation.

Incorporated in the “tongue” of the Joint Insert is an optional pull-down security tab to ensure panels are only removed if desired.

NeaCera benefits include:

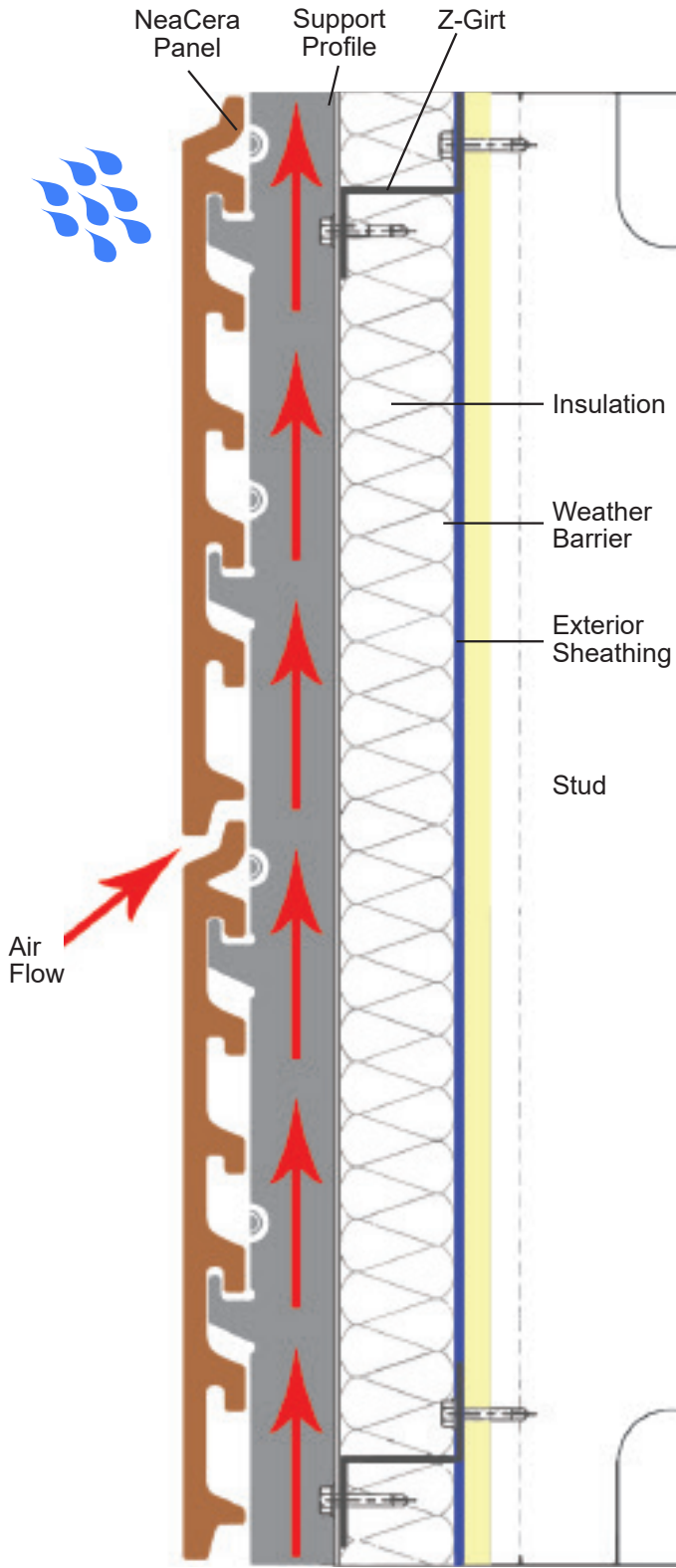
- An Inspiring Array of Design Options
- Sophisticated & Affordable
- Easy Non-Sequential Installation
- Quality Manufacturing
- Lighter Weight System (only 7.5 lbs./sf.)
- Up to a 30 Year Warranty
- Lifetime Graffiti Protection
- No Clips, Gaskets, or Caulking
- No UV Degradation
- Self Cleaning



3. NeaCera Panels

NeaCera Panels are extruded high density terra-cotta, solid-wall panels with integral reinforcing ribs configured to match the upward-facing hooks on the Support Profiles.

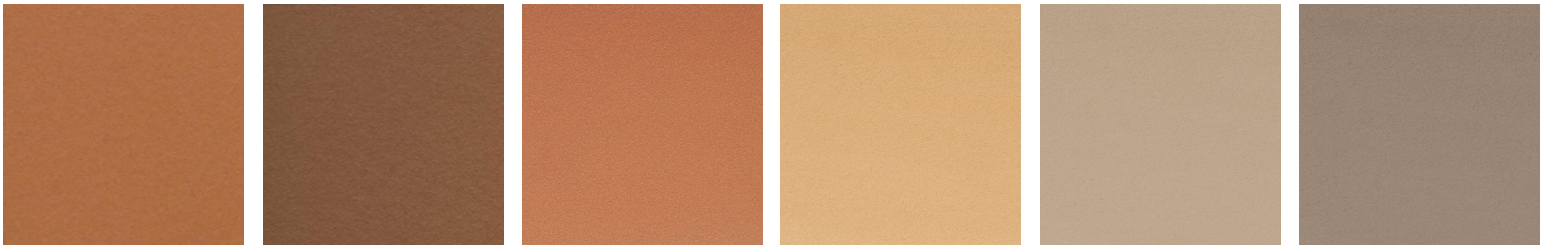
Once the Support Profiles and Joint Inserts have been installed, the panels, which weigh only 7.2 lbs./sf., employ our unique “Lift & Lock” installation method. This is achieved by lifting the panel such that the reinforcing ribs on the back engage with the corresponding upward-facing hooks on the Support Profile, and then tapping into place using a rubber mallet.



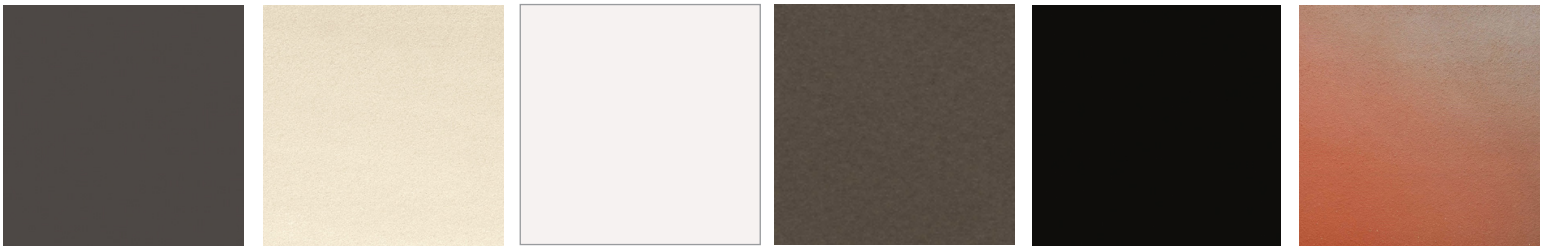


COLORS

MATTE FINISHES

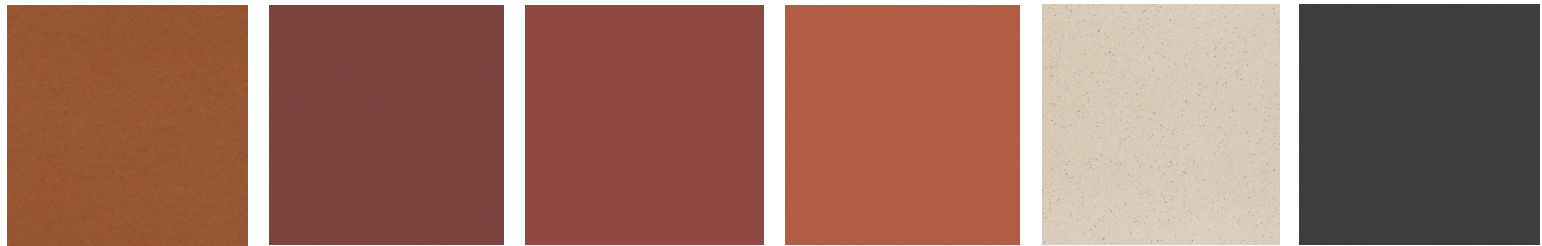


RUSTIC CANYON BURNT SIENNA TOSCANA BEIGE PEARL GRAY FLINT GRAY

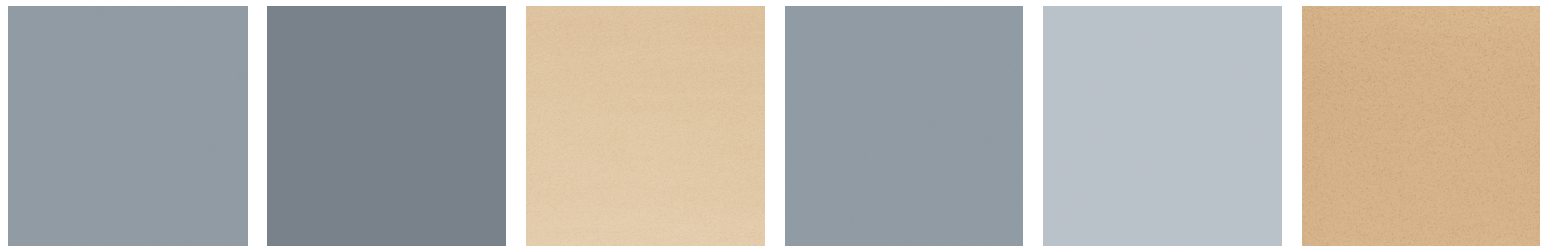


UMBRA GRAY CREAM LIGHT WHITE MOCHA BLACK BRICK-RED FLAMED

SATIN FINISHES



BURNT RED DARK RED COPPER RED BRIGHT RED EGGSHELL ANTHRACITE



MIDDLE GRAY DARK GRAY CREAM BRIGHT GRAY LIGHT GRAY SAND

Elevate Your Façade®

DESIGN COLLECTION



CEMENT 1 CEMENT 2 CEMENT 3 CEMENT 4

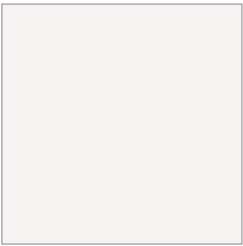


OAK 1 OAK 2 OAK 3 OAK 4



PORPHYR 1 PORPHYR 2 PORPHYR 3 TRAVERTINE 1 TRAVERTINE 2

GLOSS FINISHES



WHITE



BLACK

GLAZED FINISHES



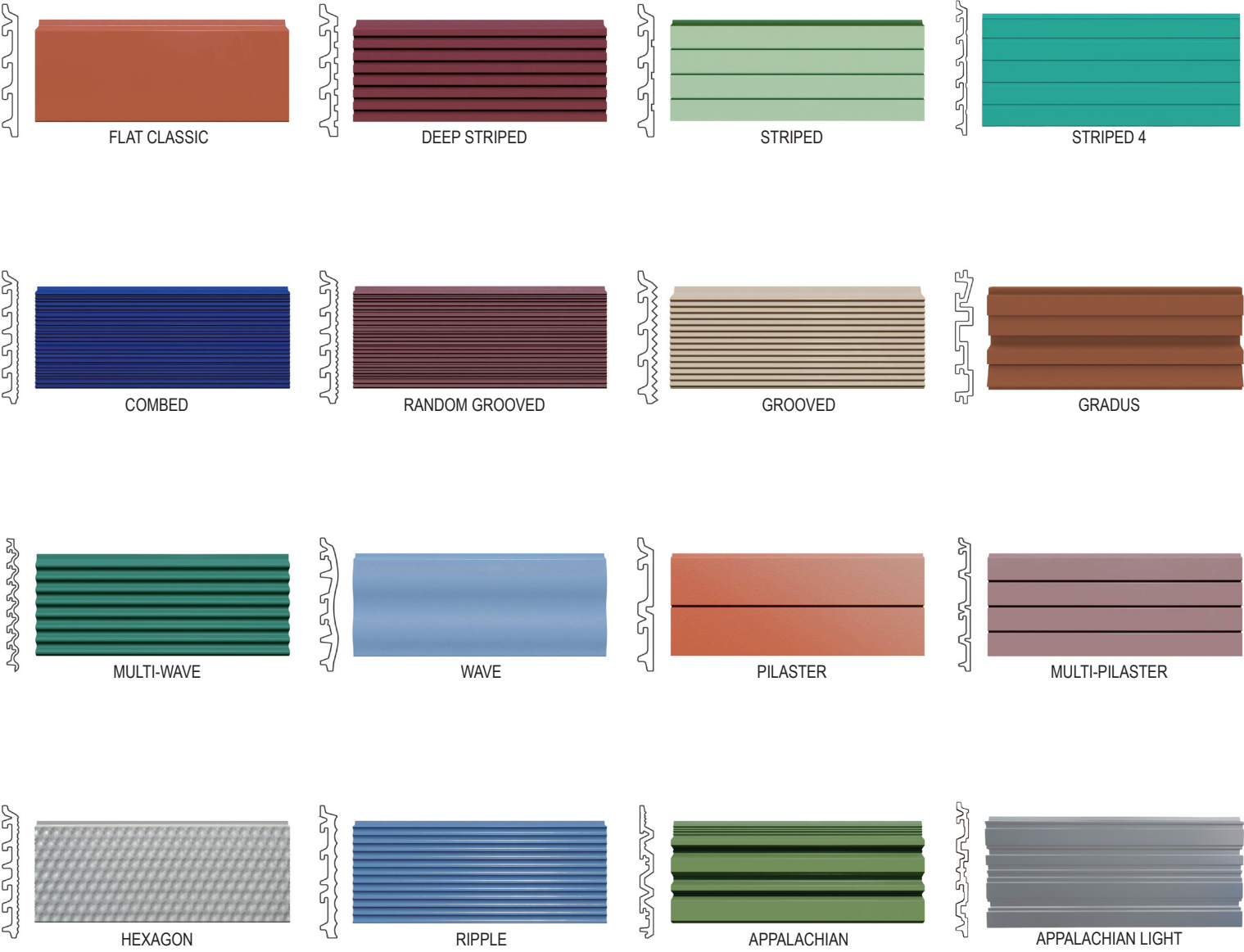
Lifetime Graffiti Protection

All NeaCera Terra-cotta Panels come with a Lifetime Graffiti Protection.

Do You Need A Custom Color?
Reach out to us at [410-338-1122](tel:410-338-1122) or AvenereCladding.com to start creating.

NOTE: Color representations on this page can vary from the real color. NeaCera panels are natural clay products and therefore are not perfectly consistent. Some colors and aggregate variations may exist.

SHAPES



Do You Need A Custom Shape?

Reach out to us at [410-338-1122](tel:410-338-1122) or AvenereCladding.com to get started.

DIMENSIONS

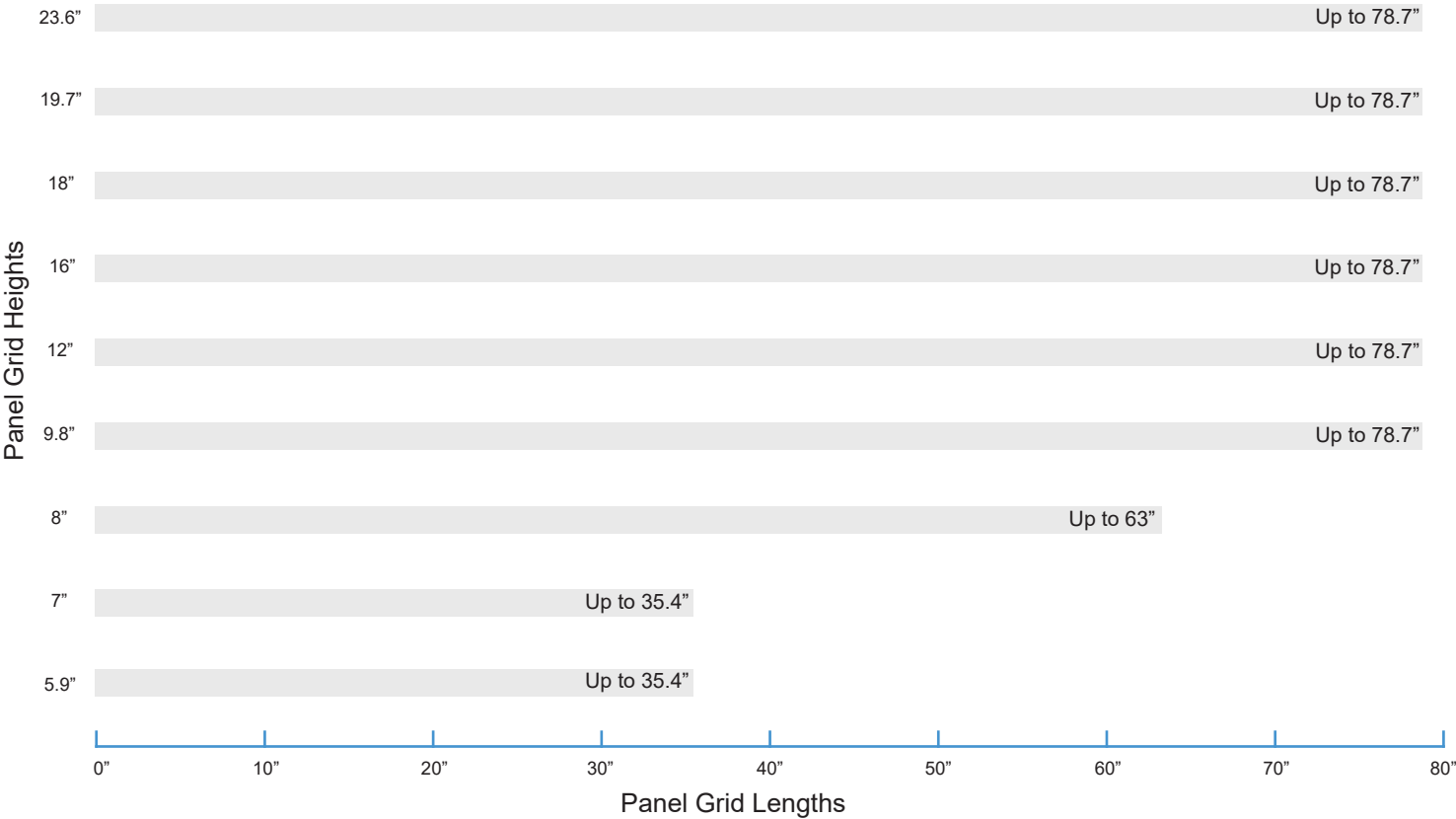
NeaCera Panels are available in multiple grid heights, and lengths up to 78.7". Custom sizes are available on request. The minimum standard panel grid height is 5.9" (150mm) and the maximum grid height is 23.6" (600mm). Many imperial panel grid heights are also available.

Currently, panel grid heights less than 7.9" (200mm) are limited to maximum cut lengths of 35.4" (900mm). Panel grid heights between 7.9" (200mm) and 9.75" (247mm) can be cut to maximum cut lengths of 63" (1600mm). Panel grid heights greater than 9.75" (247mm) are able to be cut to maximum lengths of 78.7" (2000mm).

NOTE: The most efficient panel sizes range from 8" (203mm) to 18" (457mm) in height by 60" (1524mm) in length. Panels in this range minimize material usage and can be lifted and installed by one individual.

Panel Size	Panel Weight
8" H x 60" L	24 lbs.
12" H x 60" L	36 lbs.
16" H x 54" L	43 lbs.

NeaCera Panel Grid Heights & Maximum Grid Lengths





RENOVATION

Why is NeaCera a Good Fit for Renovation?

You have many choices of materials available when recladding a building. Here are some of the benefits and advantages for choosing NeaCera:

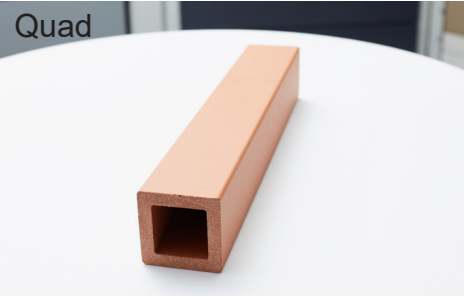
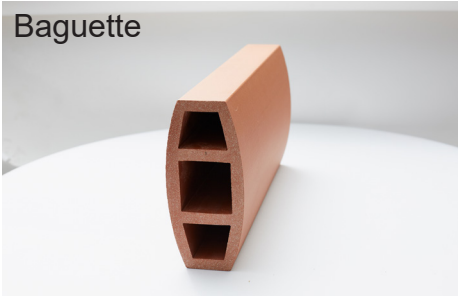
- Provides a lighter weight system with a reduced structural load on an existing building.
- Compatible with thermal break and exterior insulation components. Creates the opportunity to achieve greater energy efficiency.
- Protects against moisture infiltration.
- Adds immense curb appeal and longevity.



VIZORS™

Vizors add both a design and functional element to any façade. From a design standpoint it can be used as an accent to break up any façade. From a functional standpoint, they serve as sunshades.

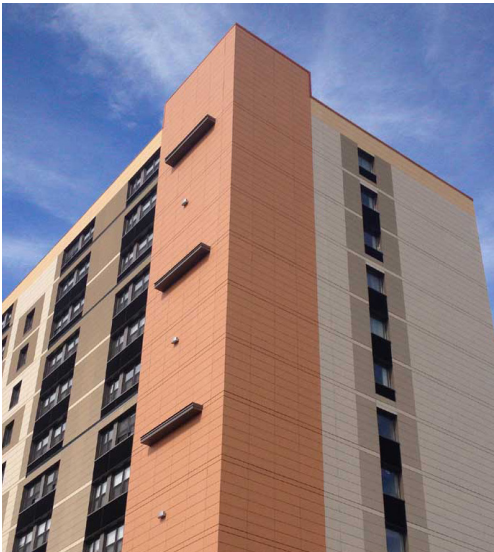
We offer Vizors in several distinct shapes. Shown below are the Lamella, Baguette and Quad shapes. Each design creates a unique look and can be suspended vertically or horizontally.



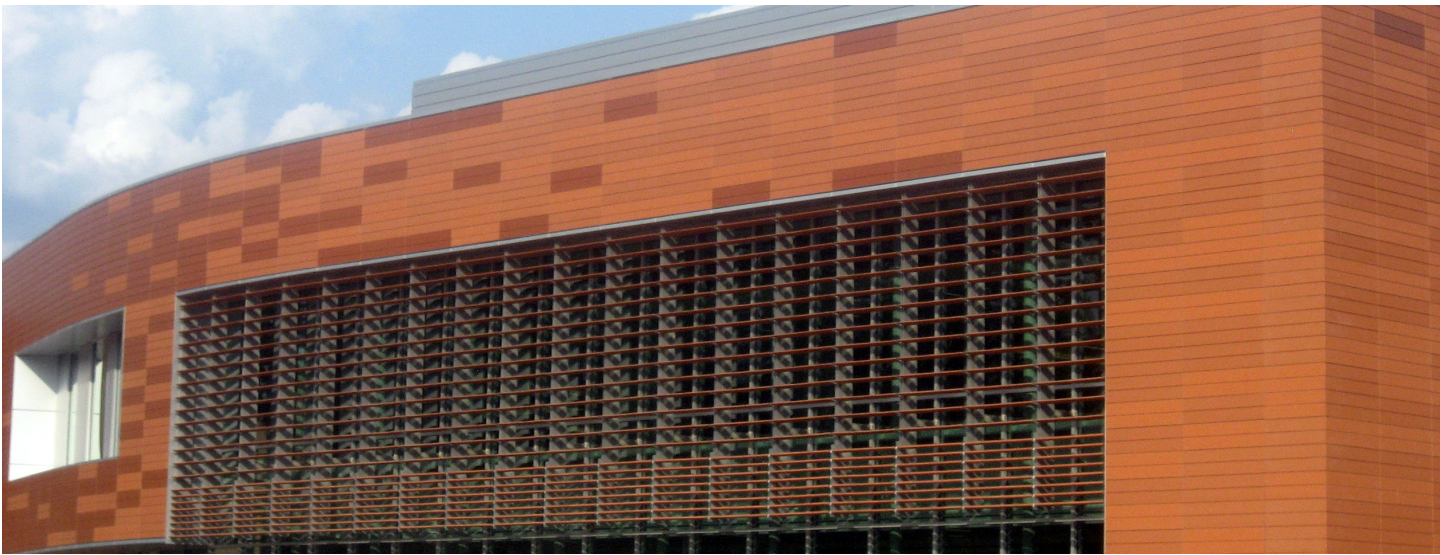
Before



During



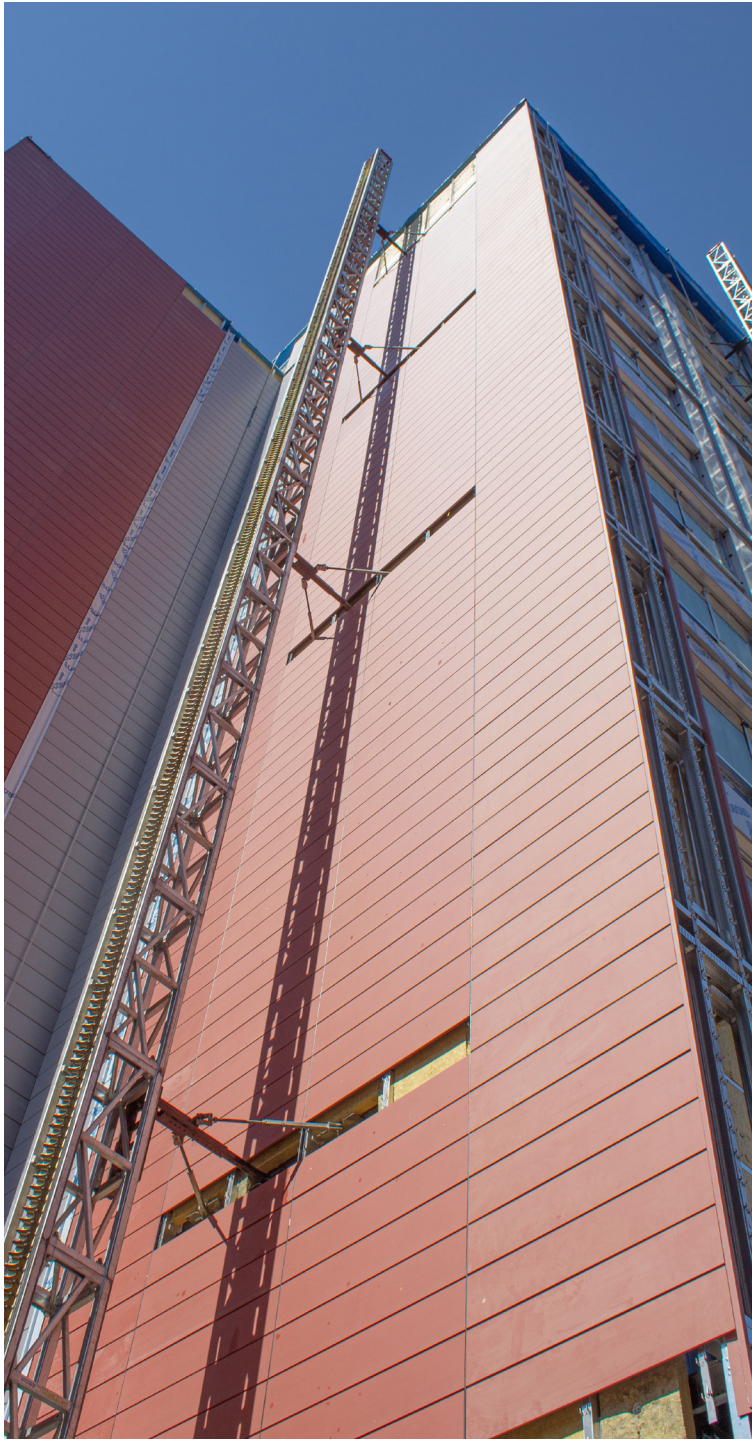
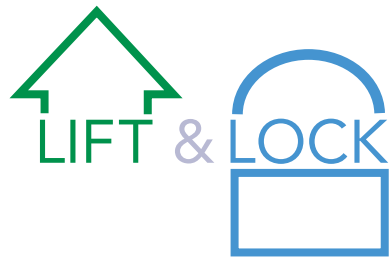
After



NON-SEQUENTIAL INSTALLATION

A major differentiator between a NeaCera installation and other terra-cotta systems is that NeaCera panels follow a non-sequential installation process. This process allows for continued panel installation both vertically and horizontally while accomodating space for signage, scaffolding tiebacks, water hydrants, etc.

When combined with the ease of installation and enhanced by the “Lift & Lock” process, productivity is increased and installation time is reduced, thereby saving dollars.



WALL ASSEMBLY

NeaCera Terra-cotta Panels are installed via the Lift & Lock process on 9 ft 9 in long x 2.5 in wide aluminum rails known as “Support Profiles”.

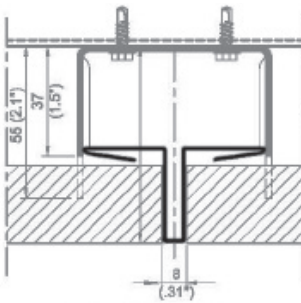
- A variety of Joint Inserts are available and are typically powder-coated black, however, the design team may choose to have them powder-coated to a color of the design team’s choice.

- 1 Z-Girt
- 2 Insulation
- 3 NeaCera Support Profile
- 4 NeaCera Joint Insert
- 5 NeaCera Terra-cotta Panel

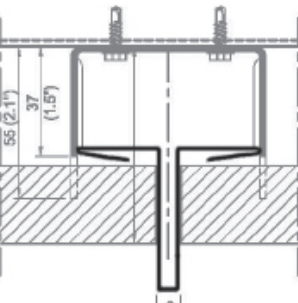


Joint Insert Options

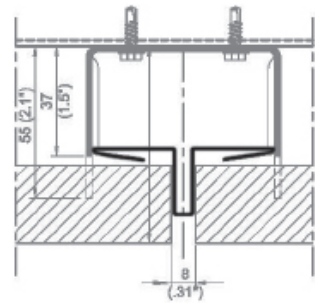
Closed Joint Insert – Flush



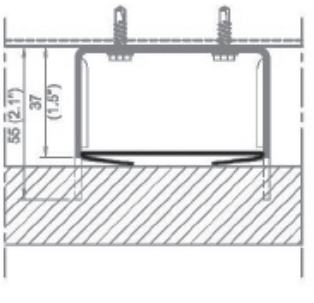
Closed Joint Insert – Proud



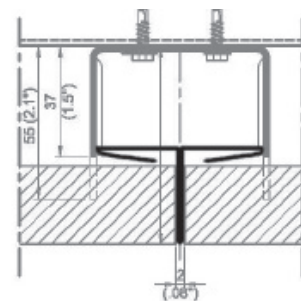
Closed Joint Insert – Recessed



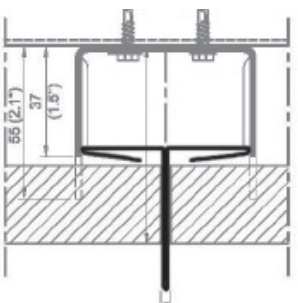
Blank Joint Insert



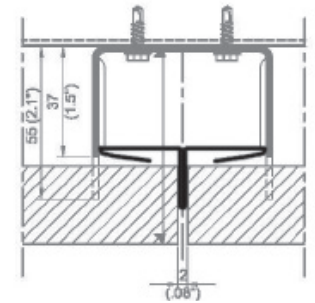
Fine-Line Joint Insert - Flush



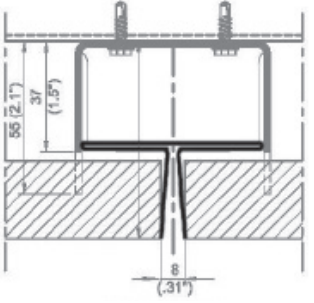
Fine-Line Joint Insert - Proud



Fine-Line Joint Insert - Recessed

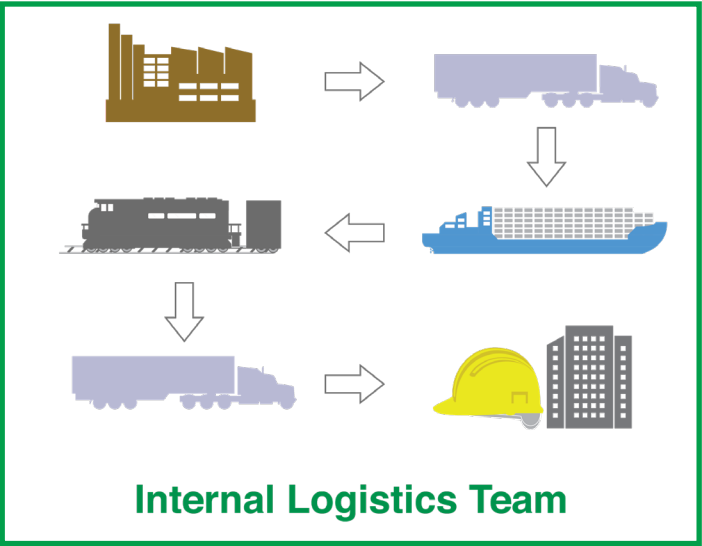


Open Joint Insert





THE AVENERE ADVANTAGE



We Understand Supply Chain

We have decades of experience, relationships, and knowledge of moving building products safely and timely to jobsites across the nation.

Building On Experience®

Challenge Accepted

Over 50-years in business as an industry leader and innovator in the building materials sector, and rainscreen pioneer since 1995. We have a team with an average tenure of 15-years, combining the honed skillsets of project managers, sales professionals, and engineers.

Educating For Best In Preparation, Execution & Completion

Promoting a culture of education and learning from the very beginning is a pillar of our business & success. We are dedicated to helping ensure the successful execution of a project's design and precise architectural details by providing unique learning opportunities for architects and installers.

Avenere ACADEMY

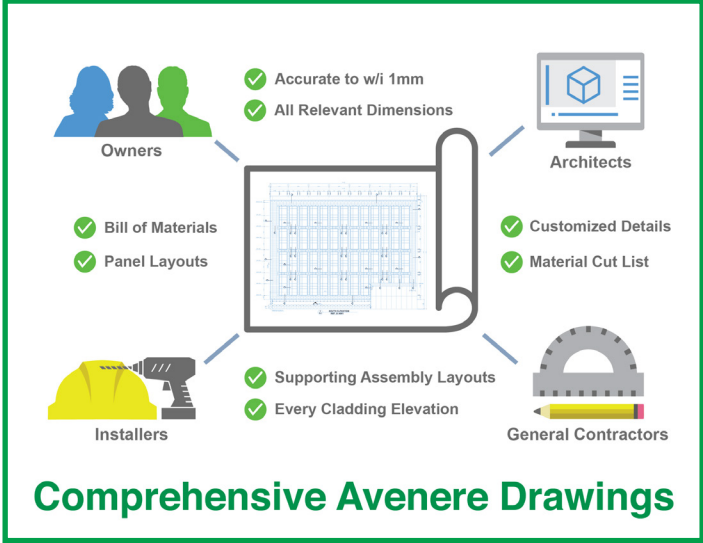
Clear. Concise. Illuminating.

We Bridge the Gap from Good Products to Great Projects™

We take architectural plans and building elevations and create comprehensive and coordinated support framing and precision panel layouts. Panel sizes are within 1mm of tolerance and are coordinated with all materials and building components that abut our panels. This is no easy task and is often weeks in the making.

We use our drawings to instruct our factories to ensure the quality and accuracy of all material we provide, while incorporating what installers need for a successful and efficient installation.

There's no other drawing like it.



Industry Leading Warranty

Our Warranty Reflects Our Confidence

We offer up to a 30-year warranty on our cladding products, an offer that is one of the top in the cladding industry. At Avenere Cladding, we make a promise to our customers to deliver a quality product and we want to provide a warranty which reflects that.