The Mortarless Masonry Veneer with all the Virtues of Traditional Brick and Block — but installed for much less!

4 Inch Brick, Split-Face Colors

8 Inch Brick, Split-Face Colors

4 Inch Brick, Smooth-Face Colors

As with any brick, Moderra's blended colors can vary widely in production.
Photos shown are close representatives of each color. Always select color from actual samples.

Moderra®
Mortarless Masonry Veneer

A Division of: **Alliance Concrete Concepts, Inc.**
325 Alliance Place NE, Rochester, MN 55906
(877) 248-7456 • www.moderra.com

© Copyright 2008. All Rights Reserved. Made under license from Alliance Concrete Concepts, Inc. Moderra and the Moderra logo are trademarks of Alliance Concrete Concepts, Inc. U.S. Patent No. 6,374,552. Other U.S. and International patents issued and pending. This information has been prepared for the benefit of customers interested in Moderra products. It was reviewed carefully prior to publication. Alliance Concrete Concepts assumes no liability for its accuracy or completeness. Final determination of the suitability of any information or material for the use contemplated, or for its manner of use, is the sole responsibility of the user. 708

Brick and block have finally met their match!

Mortarless Construction • 50% Less Labor
Design Flexibility • Engineered & Tested
50 Year Guarantee

Moderra®
Mortarless Masonry Veneer

No other system is as easy to build with as Moderra!

Because its mortarless, you save time and money!

Moderra® is mortarless, eliminating all the inconveniences and costs of traditional masonry construction. Utilizing innovative, patented H-Channel and Moderra® Bracket technology – Moderra® saves you time and money.

Moderra® units are integrally colored and may be easily modified to create an unlimited variety of design elements. Walls display a natural split-face texture to complement any design and because they are made of high density concrete, they will last for many years to come.

50% Less Labor
The combination of lightweight units and patented H-Channel and Moderra Bracket technology results in a fast, easy, and economical installation. Moderra's innovative, mortarless design is unaffected by weather and installs with half the cost of traditional masonry.

Design Flexibility
Vertical or Horizontal construction allows for many different and unique designs such as large vertical columns and color bands. Moderra® units provide a designer a wide variety of styles, providing the appeal and aesthetic versatility you require.

Mortarless Construction
High impact aluminum H-Channels and Moderra Brackets are at the heart of this innovative, mortarless technology. H-Channels and/or Brackets join one block to the next ensuring proper alignment, unit interlock, and a positive mechanical connection between all units.

Engineered, Tested, and Guaranteed!
The Moderra® system has been carefully engineered, extensively tested and proven in thousands of installations.

Moderra®
Mortarless Masonry Veneer

www.moderra.com

Moderra is economical, easy to build with, and LOOKS GREAT!

4 Inch Moderra Brick

Size:	16"W x 4"H x 2.5"D
Weight:	12.5 lbs
Fascia:	No-score, split face Single-score, split face Single-score, smooth face
Colors:	Six blended, four solid

8 Inch Moderra Block

Size:	16"W x 8"H x 2.5"D
Weight:	25 lbs
Fascia:	No-score, split-face Single-score, split face
Colors:	Four solid

Moderra
Mortarless Masonry Veneer

No matter how you design and build with Moderra, its simple, mortarless design makes construction fast and easy.

Moderra® components

Moderra Brick and Block Fascia

Manufactured with high quality and high density concrete, Moderra brick and block units are as strong as they are attractive.

The sides of each Moderra unit contain grooves specifically designed to interlock with the Moderra Bracket or H-Channel to form a permanent and integrated wall.

4" Single-score Split Face Brick
16"W x 4"H x 2½"D

4" Single-score Smooth Face Brick
16"W x 4"H x 2½"D

8" Single-score Block
16"W x 8"H x 2½"D

8" No-score Block
16"W x 8"H x 2½"D

Moderra Bracket

The Moderra Bracket allows for both horizontal (running bond) and vertical construction. Brackets secure each unit to the wall to create a 3/4" airspace and a positive mechanical connection between all Moderra units.

Moderra H-Channel

H-Channel is aluminum extrusion used for vertical stack construction. Fit an H-Channel into the groves on the side of each stack. Be sure it is plumb and affix it to the wall with screws. H-Channel creates a 3/4" airspace and positive mechanical connection between all Moderra units.

Moderra Trim Channel

Trim Channel is an aluminum extrusion used at window, door and other openings to adhere cut units when there is no opportunity to use a Moderra Bracket or H-Channel.

Moderra Brick and Block Corner Sets

Corner blocks are L-shaped and specially designed to ensure perfect 90° corners, giving the appearance of a solid concrete masonry block or brick wall. Corner sets have a left and a right unit.

4" Offset Corner Set
8"L x 4"W x 4"H x 2½"D

8" Running Bond Corner Set
16"L x 8"W x 8"H x 2½"D

Sill Cap Units

Moderra Sill Cap
16"W x 4"H x 4-1/2"D

Alliance Sill Cap
24"W x 2-1/2"H x 5-1/2"D

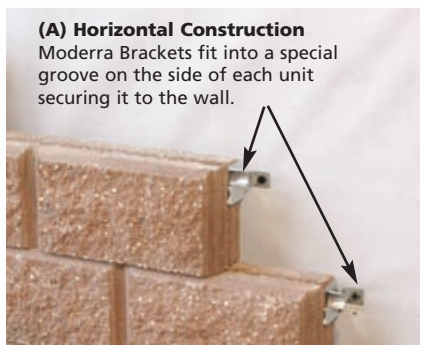
Additional Moderra components may be required for your type of construction, see installation manual for details. Unit specifications, availability, color, and fascia options vary by manufacturer. Please contact your nearest Moderra distributor for more information.

1 Designing and planning your Moderra project

First timers can plan their wall project with the help of a Moderra distributor. They can help you determine your construction method (vertical or horizontal), unit style, color, and your material requirements.

Horizontal Construction (A) uses Moderra Brackets to create a running bond with bricks, blocks, or combinations.

Vertical Construction (B) uses stacked bricks or blocks in columns and secures them to the wall using Moderra's patented H-Channel.



Please note: Photos illustrate how brackets and H-Channels secure units to wall. Read complete instruction manual for proper building methods.

2 To start your project (Moderra builds with these common tools)

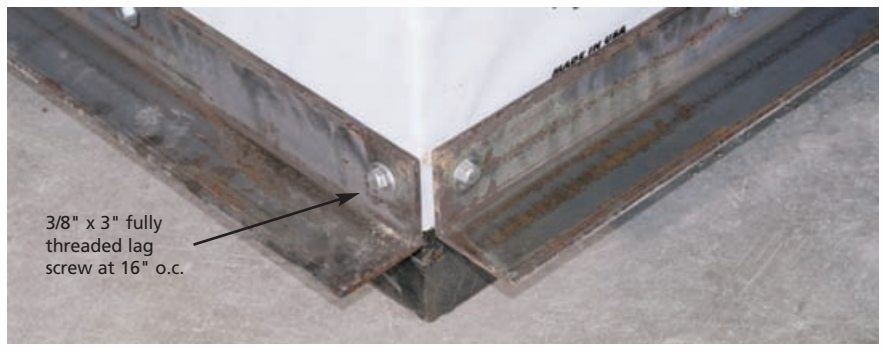
- Installation Manual
- Dead-blow Rubber Hammer
- String Line
- 1" Hex or Phillips Head Screws
- Safety Glasses & Dust Mask
- 2 lb. Hammer
- Level (4' and 8")
- Ladder
- Saw with Diamond Blade
- Masonry Chisel
- Caulking Gun
- Measuring Tape
- Power Screw Driver
- Hammer Drill
- Whisk Broom

3 Prepare your wall

Your wall must be structurally suitable for construction and covered with a moisture barrier.

Install a Starter Ledge — If your building does not have a brick ledge, install a level 3" x 3" x .25" section of angle iron that will become the foundation for your Moderra wall.

Be sure your foundation is perfectly level before you begin building.



4 Building horizontally

Start at an outside corner or wall end — Lay a full course by attaching each unit to the wall with a Moderra Bracket. Level each course as you build.

Build additional courses — Always build from a corner or wall end. Cutting may be required in the middle of the wall or at an opening.

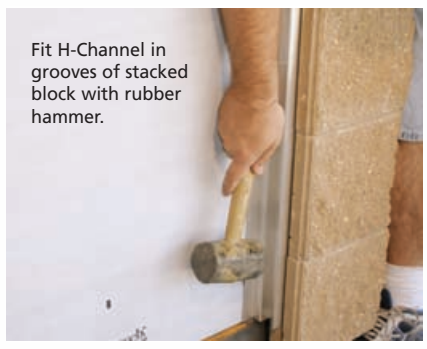
5 Building vertically

Start at an outside corner or wall end – use a Trim Channel as a spacer to stack units 3/4" away from wall. Stack blocks to the wall height or height of your H-Channel. Check for plumb as you build. Use a rubber hammer to fit the H-Channel into the side of Moderra units. Secure it to the wall every 18" with screws. Fit and secure an H-Channel to the opposite side and continue to build your wall in the same manner. Build in vertical stacks until your wall is complete.

If cut blocks are needed for window or door openings, fasten Trim Channel near the window or door frame and secure cut units with construction adhesive.

Refer to Moderra's installation manual for details and construction methods.

www.moderra.com



5 Add the final touch

Choose the sill cap that best compliments your home or structure. Secure cap blocks with high quality construction adhesive.

Moderra Sill Cap – Available in Autumn, Brown, Charcoal, Chestnut, Gray, and Sandstone.

Alliance Sill Cap – Available in Autumn, Chestnut, Gray Castle, Ivory, Pearl, Sandstone/Brown, and Sandlewood.