



Put the accent  
*on style.*

## Accessing Our Training Videos

- Throughout this manual, you will see QR codes that will allow you to view training videos on a variety of installation subjects. .
- You can access the videos from any computer, tablet or smartphone 24/7.
- Simply use your smartphone or tablet camera app to scan the QR codes throughout this manual.

**Note:** You can also access the video by clicking on the link or by visiting the website listed next to each QR code..

Test using the QR code below:



Or view the video at:

[https://deephow.ai/p/  
KgDb2aJ3zsU1r1DZ1FtY](https://deephow.ai/p/KgDb2aJ3zsU1r1DZ1FtY)

## Navigating This Manual

For ease of navigation, each Table of Contents contains shortcuts that let you go directly to your desired section by clicking on the subject.

## Comments, ideas, suggestions?

Contact us at (937) 726-6268 or david.verbofsky@cornerstone-bb.com

# deephow

\* The way individuals learn has changed dramatically. Understanding the common challenges with learning and development are imperative in understanding how to reshape training strategies to create a better experience. Through an AI-powered learning platform based on interactive how-to videos, **DeepHow-via-StanleyX** allows organizations to create connected relevant material that is aligned with needs of learners, bridging the skills gap in manufacturing, and service and repair.

# Shutter Installation

## Shutters

<b>Shutter Installation.....</b>	<b>5</b>
General Shutter Installation Requirements .....	5
<b>Metal Screws .....</b>	<b>6</b>
Wood Substrates .....	6
Masonry Constructio .....	6
<b>Board &amp; Batten Shutters.....</b>	<b>7</b>
Concealed Fastener Installation.....	7
Exposed Fastener Installation.....	7

---

## Navigating This Manual

To go directly to your desired section, click on the subject in the Table of Contents.

---



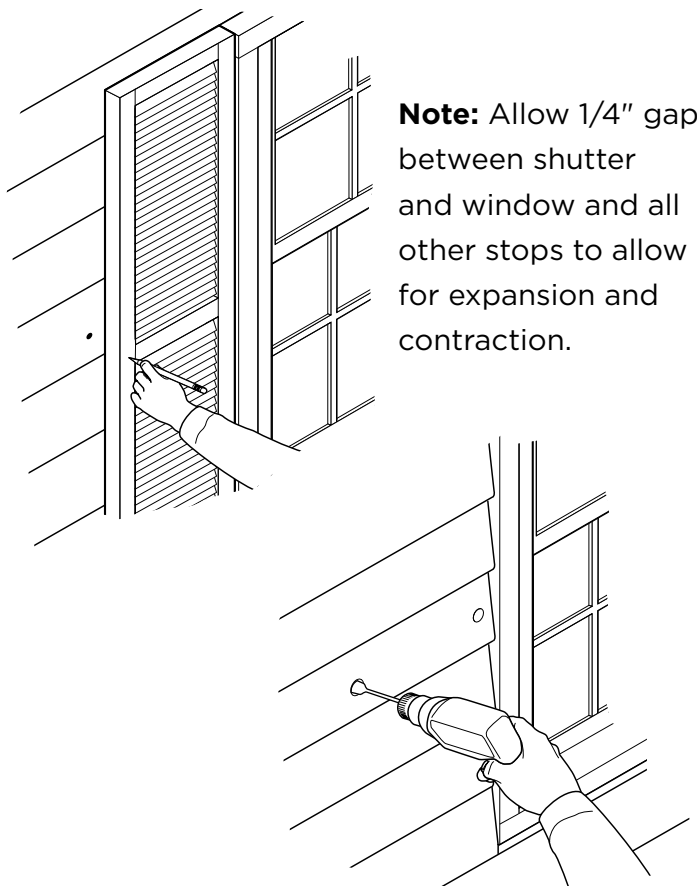
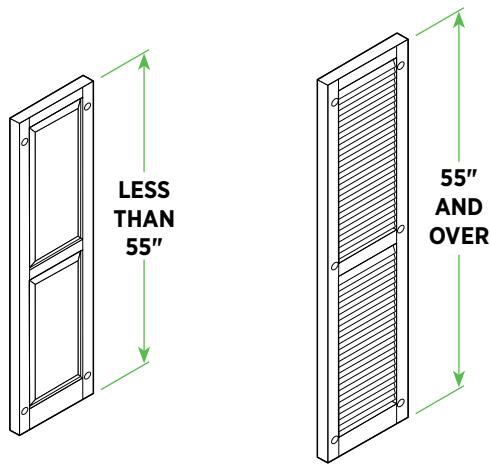
# Shutters

## SHUTTER INSTALLATION



Installing shutters\*

<https://deephov.ai/p/60Ffaa4MAwMCzzNOD79s>



**Note:** Allow 1/4" gap between shutter and window and all other stops to allow for expansion and contraction.

Optional hidden fasteners (clips) for standard shutters are available from your distributor. See "Window Mantle" section for more details.

### General Shutter Installation Requirements

Two types of fasteners are included in shutter package; metal screws with paint matching heads and polymer shutterplugs.

- Use four fasteners for shutters less than 55" in length. Position top screw/plug approximately 6" down from the top of the shutter, and bottom screw/plug approximately 6" up from the bottom of the shutter.
- Use six fasteners for shutters 55" and longer in length. Attach the two additional screws at the midpoint along the length of the shutter.
- Whether using screws or shutterplugs, drill a 1/4" hole into the face of shutters.
- For vinyl siding applications, it is critical you drill a hole into the vinyl siding only that is 1/4" larger than the diameter of the fastener shank to allow for expansion/contraction.
- Do not force fastener head tight to the shutter.

Neither screws or shutterplugs will work over foam sheathing. Take appropriate steps to ensure that you have a nailable surface. Shutterplugs are suggested for permanent, non-removable installations. They work well with brick or block. A solid base construction material is required.

- Locate shutter beside window. Drill a 1/4" diameter hole in shutter and into solid base material a minimum of 2" deep (into mortar joint locations for masonry).
- Insert plug by tapping lightly with a hammer.

# Shutters

## METAL SCREWS

### Wood Substrates

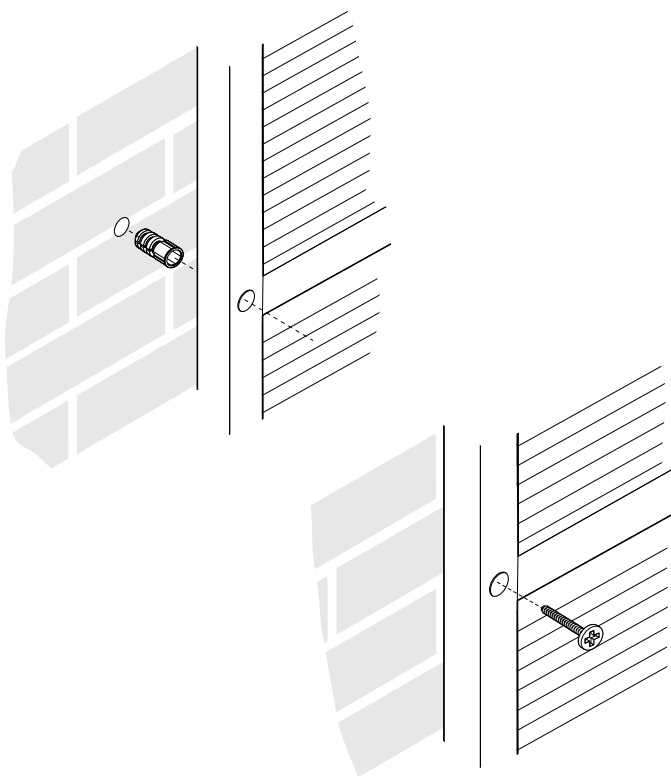
- Locate shutter beside window. Drill 1/4" diameter hole in shutter and in wood surface.
- Drill a hole, in the vinyl siding only, that is 1/4" larger than the diameter of the fastener shank, to allow for expansion and contraction.
- Screw shutter in place with 3" long metal screws (included). Do not force screw tight onto shutter surface.

### Masonry Construction

- Locate shutter beside window. Drill 1/4" hole into shutter making sure to position at mortar locations.
- Drill hole in mortar joint of masonry as instructed by insert manufacturer.

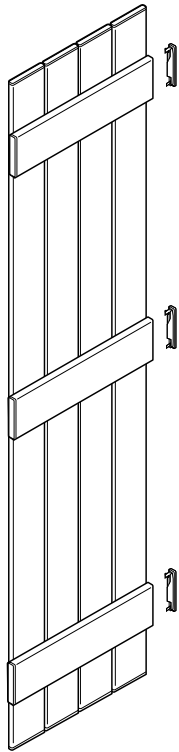
It is necessary to incorporate inserts (not supplied in shutter packaging) to provide holding power for the screw.

- Place insert in hole with hammer.
- Position shutter and screw in place with 3" long screws. Do not force screw tight onto shutter surface.

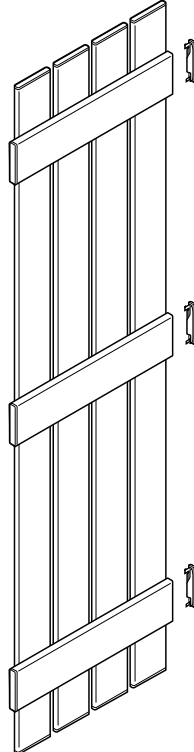


# Shutters

## BOARD & BATTEN SHUTTERS



CLOSED STYLE



OPEN STYLE

### Concealed Fastener Installation

When installing a 3-board or 4-board batten shutter, screws or shutterplugs may be used.

- Remove the end cap of each of the battens and slide the batten off the shutter.
- Level and fasten shutter to the surface.
- After the installation of the fasteners, slide the batten board back into place and secure the compression end cap back onto the batten board.

**Note:** The end caps are compression fit. Do not glue the end caps on to the shutter in case future access is needed.

**Note:** Do not overdrive the fastener or shutter may become deformed.

### Exposed Fastener Installation

- Locate shutter beside window and drill a 1/4" hole for either fastener option into solid base material a minimum of 2" deep.
- Fasteners can be located on either the board or the batten part shutter.
- Drill a hole, in the vinyl siding only, that is 1/4" larger than the diameter of the fastener shank, to allow for expansion and contraction.
- Insert plug by tapping lightly with a hammer.

**Note:** Do not force shutterplug so tightly as to cause depressions of shutter surface.







## Beautiful Exteriors Start with Ply Gem.

For a complete range of exterior products designed to work together, look no further than Ply Gem. As North America's leader in low-maintenance exteriors, no one offers more styles in more colors or provides more tools to help you create the look you want. From major design elements like siding and windows to architectural accents like trim and moulding, count on Ply Gem for superior quality and outstanding beauty.



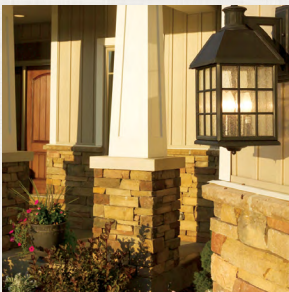
Vinyl Siding and Accent Panels



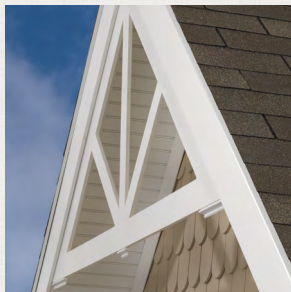
Rainware and Gutter Protection



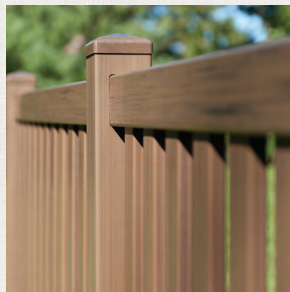
Windows



Ply Gem Stone



Trim and Mouldings



Fence and Railing