

Installation Instructions for Fortress Fe²⁶ Traditional Panels with Collar (CB) Brackets and Wood Posts

It is the responsibility of the installer to meet all code and safety requirements, and to obtain all required building permits. The deck and railing installer should determine and implement appropriate installation techniques for each installation situation. The Fortress Company or its distributors shall not be held liable for improper or unsafe installations.

Installation of wood posts must conform to the local building codes required by the city where the installation is being constructed.

Note

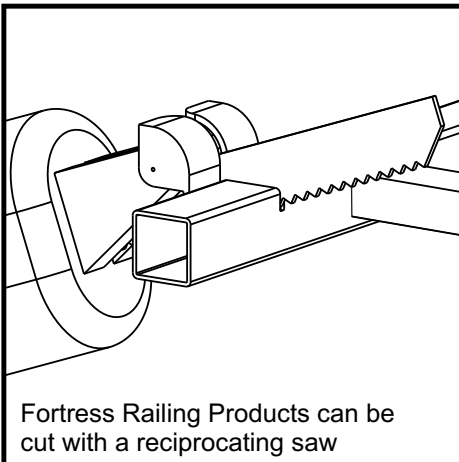
When cutting Fortress Railing Products, it is very important to complete the following at cut points. Not following the below steps will result in rust at the cut areas:

- Remove all metal shavings from the cut area
- File any sharp edges left by cutting. Thoroughly wipe and remove any filings, grime or dirt from the railing.
- Apply two coats of Fortress zinc based touch-up paint to the cut area. If touch up is at rail ends, allow paint to dry before connecting bracket to post.
- Be sure to remove any metal shavings from the surface of deck, patio or balcony to prevent rust on the surface.

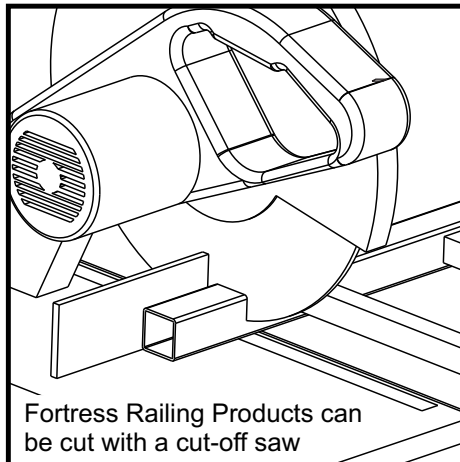
Required Materials

Drill, 5/32" Drill Bit, T-25 Driver Bit, Drill Bit Extender, Tape Measure, Speed Square, Center Punch, and 3-3/4" Block.

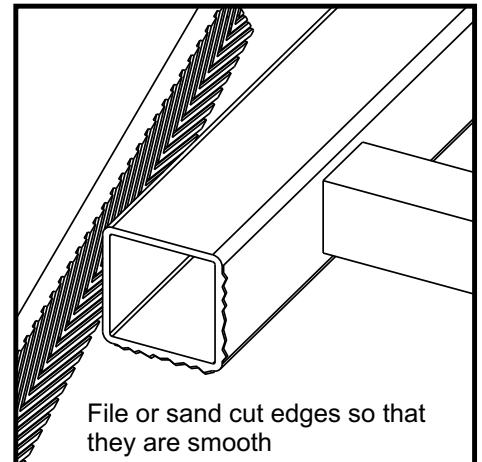
Cutting Panels



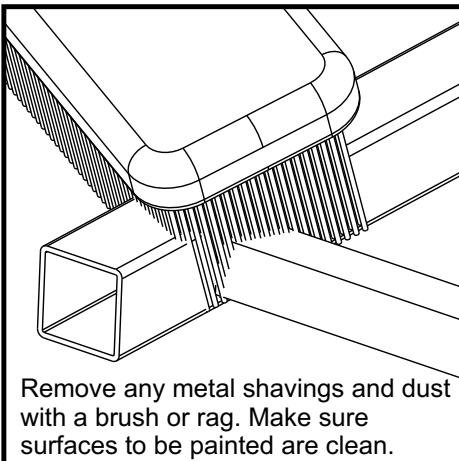
Fortress Railing Products can be cut with a reciprocating saw



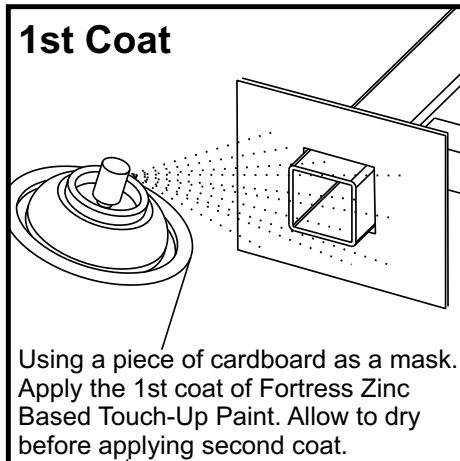
Fortress Railing Products can be cut with a cut-off saw



File or sand cut edges so that they are smooth

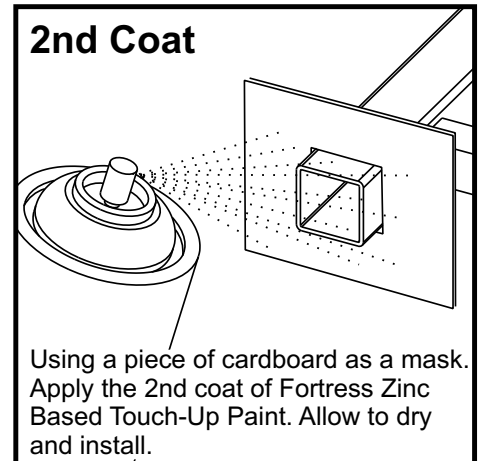


Remove any metal shavings and dust with a brush or rag. Make sure surfaces to be painted are clean.



1st Coat

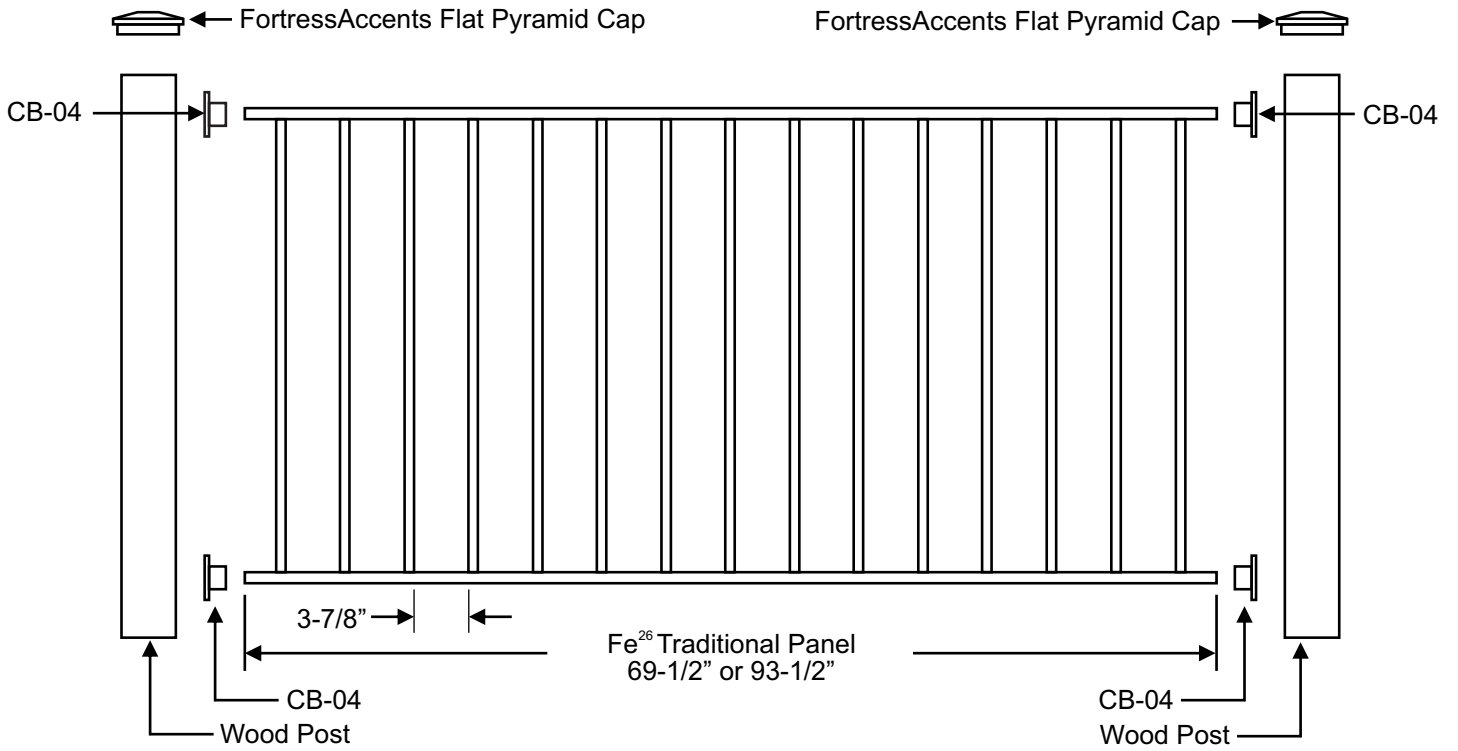
Using a piece of cardboard as a mask. Apply the 1st coat of Fortress Zinc Based Touch-Up Paint. Allow to dry before applying second coat.



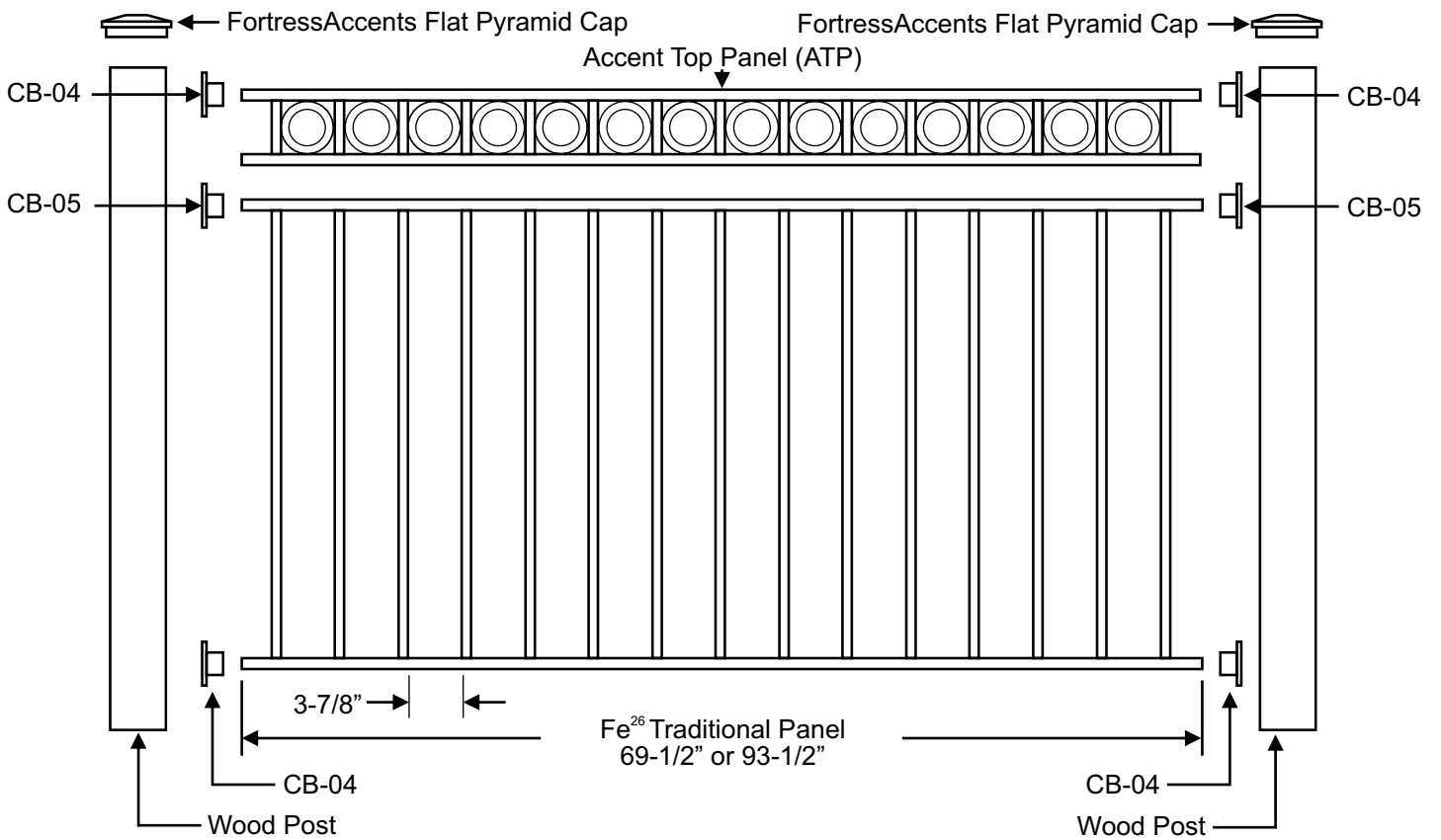
2nd Coat

Using a piece of cardboard as a mask. Apply the 2nd coat of Fortress Zinc Based Touch-Up Paint. Allow to dry and install.

Fe²⁶ Traditional Panel Installation Options



Fe²⁶ Traditional Panel with Accent Top Panel Installation Options



Fe²⁶ Traditional Panel and Wood Post Configurations

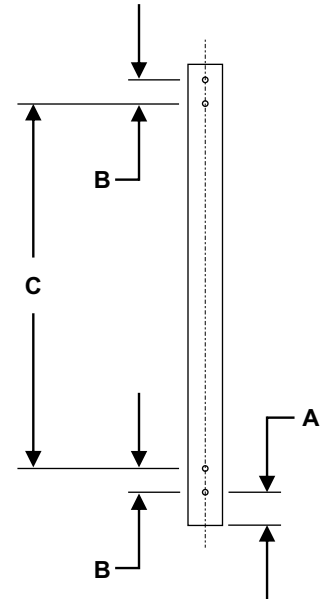
Railing Panel Height	Railing Panel Only		Railing Panel with Accent Top Panel	
	Installed Panel Height*	Minimum Required Post Height	Installed Panel Height with ATP*	Minimum Required Post Height
28"	X	X	36-11/16"	39-1/2"
34"	37-3/4"	39-1/2"	42-11/16"	45-1/2"
40"	43-3/4"	45-1/2"	X	X

*Heights includes a 3-3/4" space between deck surface and bottom edge of bottom rail.

Collar Bracket Hole Locations for Fe²⁶ Traditional Panel Installations

Pre-Drilling with a 5/32" drill bit is required.

Railing Panel Height	Pre-Drill Dimensions		
	A*	B	C
28"	X	X	X
34"	3-1/8"	2-1/4"	30-3/4"
40"	3-1/8"	2-1/4"	36-3/4"

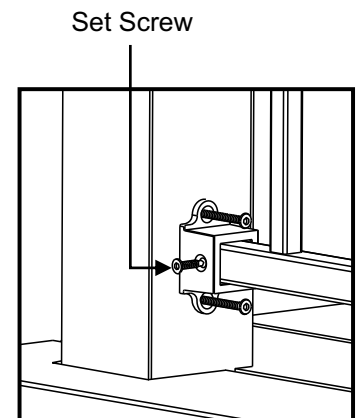
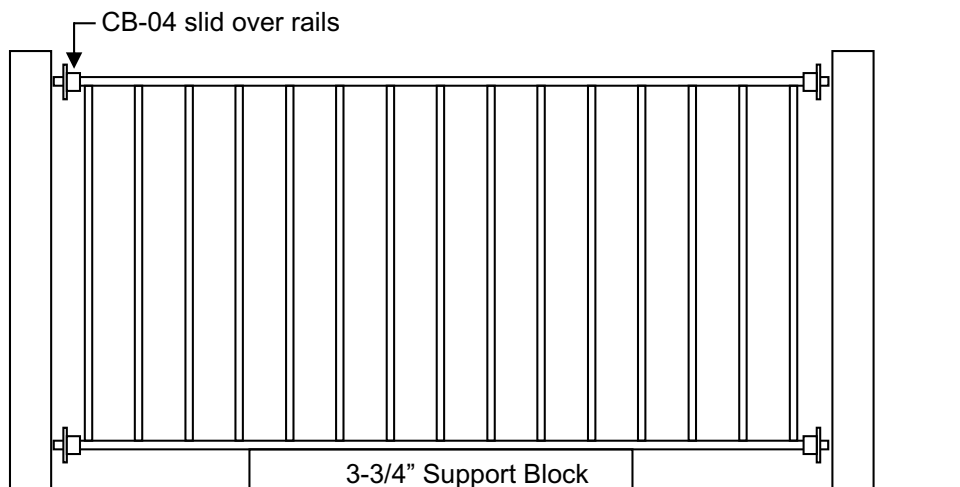


*Dimension A positions bottom edge of rail 3-3/4" above deck surface.

Remove all metal shavings from deck, post, and panel before bracket is screwed to post to prevent rust stains.

Fe²⁶ Traditional Panel Installation with CB-04

- If rails were cut to length, file cut edges and coat with 2 coats of Fortress zinc based touch-up paint.
- Check fit of rail between installed posts.
- Slide a CB-04 over the end of each rail. Make sure that all set screw holes face the desired direction.
- Place rail assembly on 3-3/4" support block between posts.
- Slide CB-04 to post and secure with provided wood screws.
- Secure rails with provided set screws at each CB-04.



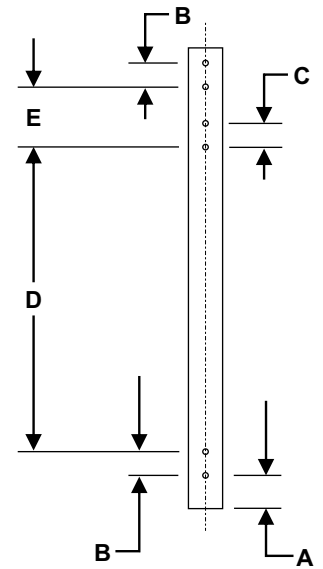
Collar Bracket Hole Locations for Fe²⁶ Traditional Panel Installations with Accent Top Panel (ATP)

Pre-Drilling with a 5/32" drill bit is required.

Rail Panel Height	ATP Panel Height	Pre-Drill Dimensions				
		A*	B	C	D	E
28"	5"	3-1/8"	2-1/4"	2-3/8"	24-11/16"	5"
34"	5"	3-1/8"	2-1/4"	2-3/8"	30-11/16"	5"
40"	5"	X	X	X	X	X

*Dimension A positions bottom edge of rail 3-3/4" above deck surface.

Remove all metal shavings from deck, post, and panel before bracket is screwed to post to prevent rust stains.



Fe²⁶ Traditional Panel with Accent Top Panel (ATP) Installation with CB-04 and CB-05

- If rails were cut to length, file cut edges and coat with 2 coats of Fortress zinc based touch-up paint.
- Check fit of rail between installed posts.
- Slide Accent Top Panel panel over the top rail of the Fe²⁶ Traditional Panel
- Slide a CB-04 bracket over the end of each rail. Slide a CB-05 over the end of each Accent Top Panel bottom rail.
- Make sure that all set screw holes face the desired direction.
- Rest rail assembly on 3-3/4" support block between posts.
- Slide CB-04 and CB-05 to post and secure with provided wood screws.
- Secure rails with provided set screws at each CB-04 and CB-05.

