

PolySignT Single Panel Series Non-Illuminated



Assembly & Installation



4160.3
Flat Sheet
Wall Mount



4160.1
Flat Sheet
Post Mount

Handling

Make sure containers are flat prior to opening, using care not to damage the contents. Depending upon the size of the panel, more than 2 people may be needed for handling. When handling large PolySigns assure that there are an appropriate number of persons to accomplish this before removing the sign from its shipping container. Lay components on a smooth surface. It is preferable to use furniture pads, carpet or even the corrugated board which is found within the shipping crate.

IT IS SUGGESTED THAT YOU NOT REMOVE THE PROTECTIVE WRAPPINGS UNTIL INSTALLATION IS COMPLETE. THIS WILL HELP AVOID DAMAGE TO THE OUTER SURFACES WHILE HANDLING. HOWEVER, IF IT IS NECESSARY TO STORE SIGN OUTSIDE, EXPOSED TO THE ELEMENTS, THIS MATERIAL MUST FIRST BE REMOVED.

The following general information will be helpful, but it is not meant to cover all possible conditions and situations that may occur.



4160.3
Flat Sheet
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Flat Sheet - Vinyl Tape & Silicone Mounted

1. Clean back of sign surface.
2. Apply a minimum of 2 strips of high bond, double faced tape to back surface and remove tape backing.
3. Apply silicone adhesive between the tape strips, equivalent to no less than twice the tape thickness. Assure silicone is a minimum 1" from exposed sign face edges.

Important: Follow manufacturer's procedures for handling and dispensing silicone.

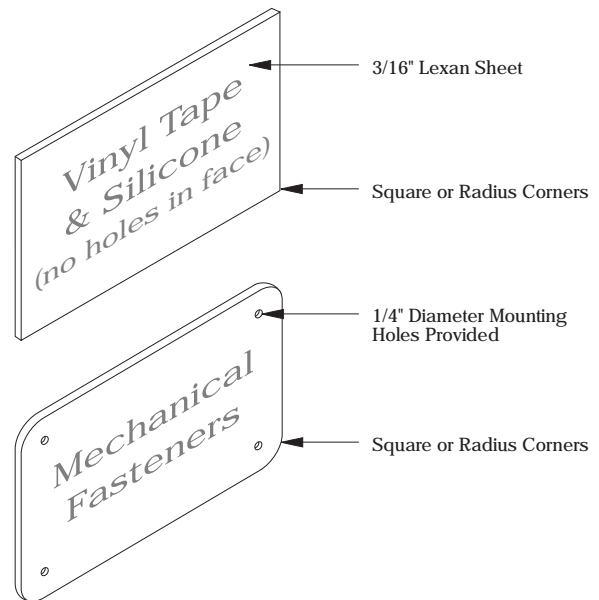
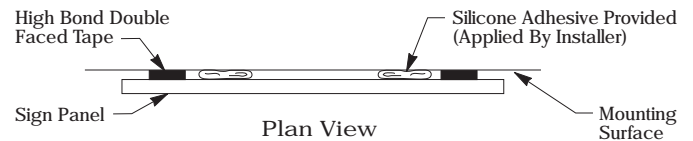
4. Position sign into desired location. Apply adequate pressure to sign face directly over tape locations.

Flat Sheet - Mechanically Fastened

1. Position the Flat Sheet PolySign at desired location and mark the mounting surface using the mounting holes as a pattern. Remove the sign.
2. Depending on type of fastener chosen, a pilot hole may be required or anchor/receptacles may need to be set.

Note: Countersunk fasteners are not recommended as material may crack or fracture during installation or when material expands and contracts.

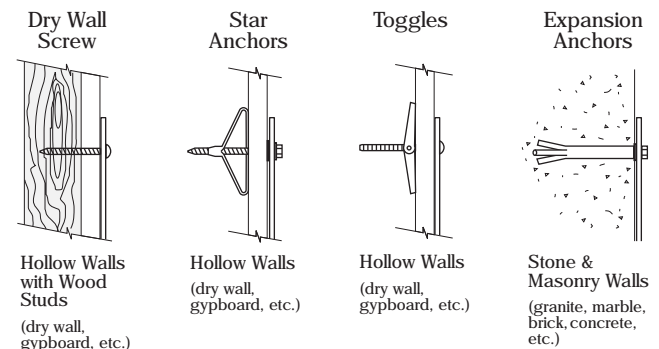
3. Anchor sign into place. Do Not overtighten fasteners.



Fastener Suggestions

Hardware for attaching the wall mounted version of PolySign is not included and should be specified by qualified persons based upon local codes, regulations, etc. Consideration must be given to conditions unique to each mounting structure.

APCO accepts no responsibility for installation unless performed by APCO. The illustration and details included are intended as suggestions only.



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Flat Sheet - Post Mounted (*Standard*)

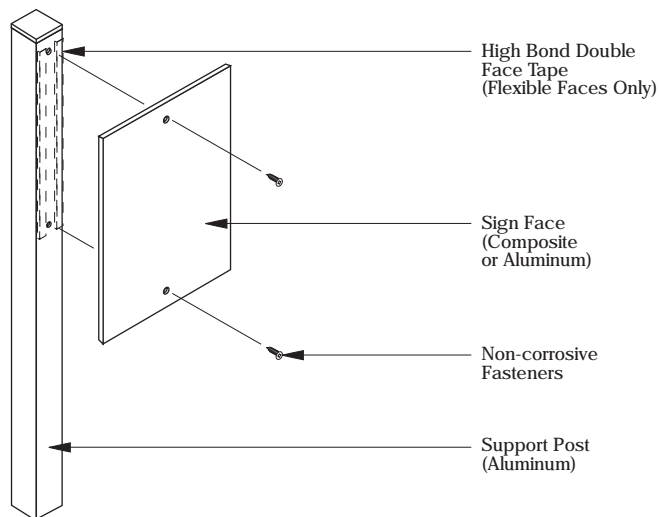
As a standard, the Flat Sheet PolySign panel is mechanically mounted to the support post thru the sign face. Non-corrosive fasteners are provided.

More flexible signs, such as a large face or thin panel material, will be secured with double faced tape and mechanical fasteners.

1. For flexible sign faces, clean post face and backside of sign panel with 50/50 water-alcohol solution. Apply double face tape to post.
2. Carefully align pre-drilled mounting holes and secure sign panel to post using non-corrosive fasteners provided. Do Not overtighten fasteners.

Note: Countersunk fasteners are not recommended as material may crack or fracture during installation or when material expands and contracts.

3. PolySign is now ready for installation. Refer to Post Mount Installation instructions.



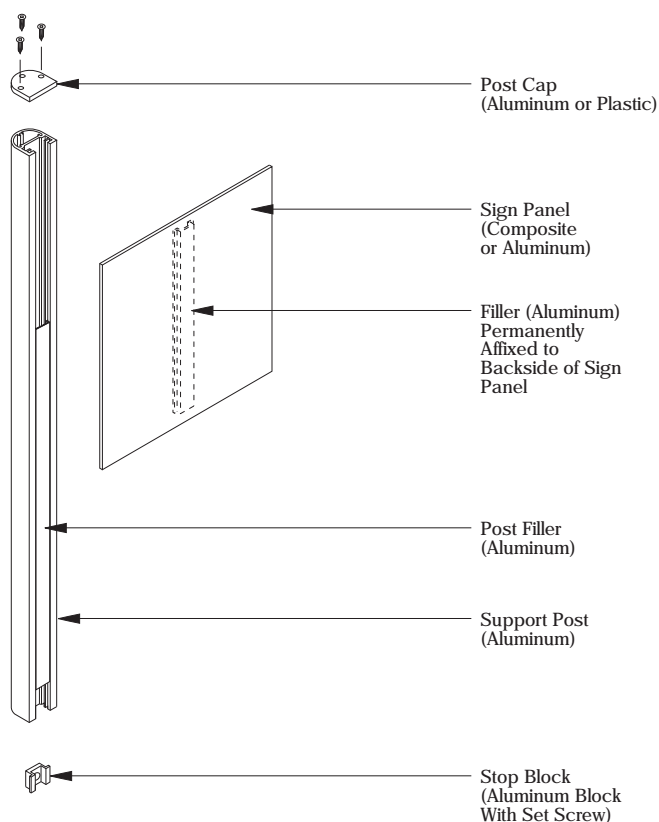
Flat Sheet - Post Mounted (*Optional*)

For a changeable sign face option, the Flat Sheet PolySign panel is equipped with a concealed post filler profile, permanently affixed to the backside. The assembly slides into the support post from the bottom.

1. Remove stop block from bottom of support post using 3/16" hex wrench provided.
2. Slide post filler out of post.
3. Engage sign panel assembly into post slot and slide upward until assembly rests against post cap.
4. Reinsert post filler and stop block.
5. With all components pushed firmly against post cap, tighten stop block.

The PolySign is now ready for installation.

Once installed, sign panel is changeable by using a No.1 square head driver and removing post cap.



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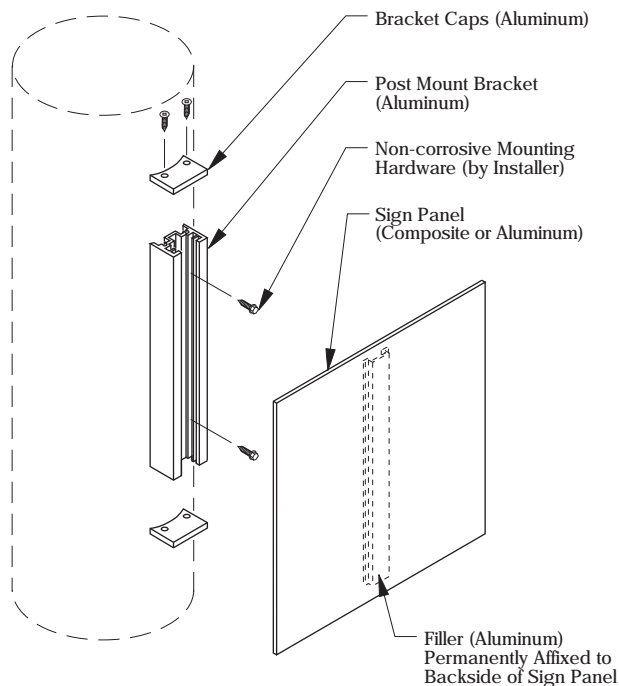
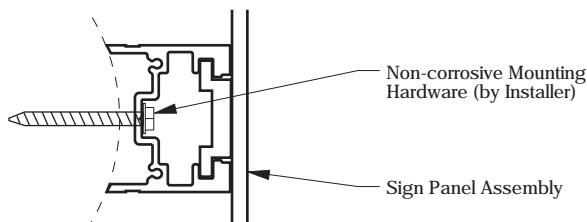
Assembly & Installation



Flat Sheet - Pole Mounted (*Standard*)

To mount a Flat Sheet PolySign panel to a 4"-12" diameter mounting surface, a pole mounting bracket is provided. Bracket end caps secured the sign face into place.

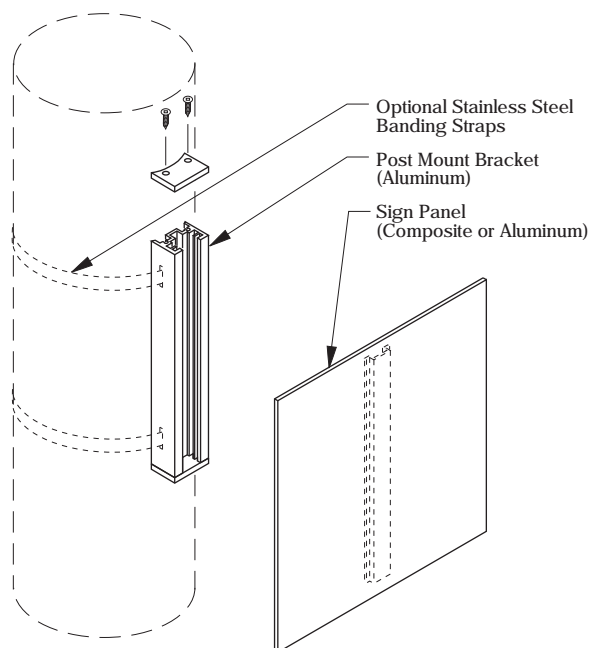
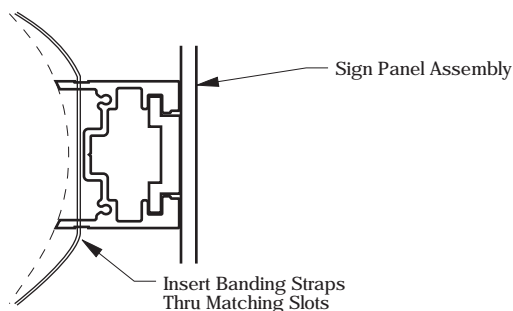
1. Remove top bracket cap with No.1 driver provided. Bottom cap should remain.
2. Position pole mounting bracket in desired location and transfer mounting holes onto mounting surface.
3. Depending on type of fastener chosen, a pilot hole may be required at this time or anchor/anchor receptacles may need to be set.
3. Orieint capped end of pole mounting bracket and anchor bracket into place. To avoid assembly problems, Do Not overtighten fasteners.
4. Engage sign panel assembly into post slot and attach top cap with No.1 square head driver.



Flat Sheet - Pole Mounted (*Optional*)

When specified, the pole mounting bracket can be strapped to the mounting surface. Sign panel will be fully assembled and bracket slotted to accept stainless steel banding straps.

1. Open banding straps and insert one thru each matching set of bracket slots.
2. Locate PolySign panel into desired location and tighten straps around mounting surface.



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Post Mount Installation

APCO accepts no responsibility for footing design or installation unless performed by APCO. The illustration and details included are intended as suggestions only.

In-Ground Installation

Concrete footings should be specified by qualified persons, based upon acceptable local codes and geographic practices, such as frost lines, soil conditions, wind load regulations, etc.

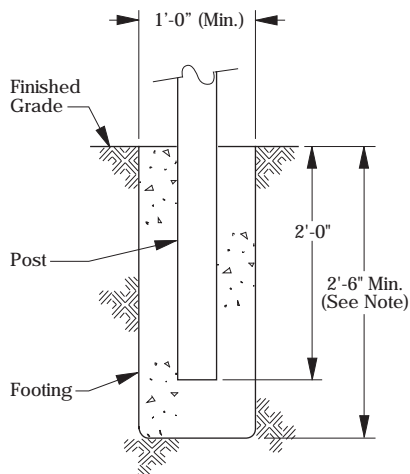
When setting sign assembly into earth, do not use force to drive the posts into position, as this is unnecessary and may result in damage to the post caps, sign alignment, etc. Assure holes are an appropriate depth *prior* to implanting the posts.

To protect the finish from unwanted concrete splatters, mask the post and sign panel as necessary prior to pouring footings.

Above-Grade Installation

In above-grade installations, support post is supplied with either a mounting plate welded to the bottom or a mechanically fastened, steel mounting foot. Both are equipped with pre-drilled mounting holes.

Mounting hardware is not included and should be determined based on the structure of the mounting surface. Anchor locations can be taken directly from the mounting plate or from APCO shop drawings.



Note:
1. Concrete depth must equal frost depth or 2'-6" min., whichever is deeper.

Contractor Notice

Because of widely varying site conditions, installation techniques must be determined on an individual basis. While shop drawings offer suggestions for mounting the PolySign, it should be understood that common sense, caution and care are factors which cannot be built into any product. These factors must be considered by the actual person(s) installing and maintaining the product.

Additional Information:

Should you encounter any problems whatsoever with installation, call (404) 688-9000 for technical assistance.