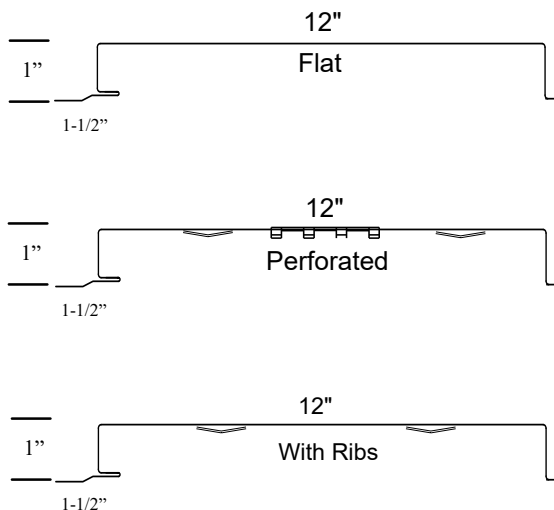


FLUSHMOUNT/OFFSET SOFFIT & WALL PANEL INSTALLATION GUIDE

Flushmount Soffit & Wall Panel

1" High Flushmount Soffit

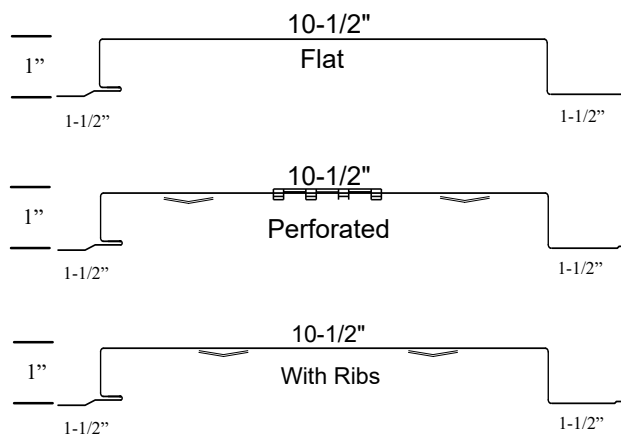
12" Wide



Offset Soffit & Wall Panel

1" High Offset Soffit

10-1/2" Wide x 1-1/2" Offset



Please specify flat, perforated, or with ribs when ordering.

IMPORTANT NOTICE

The application and detail drawings in this manual are strictly for illustration purposes and may not be applicable to all building designs or product installations. All projects should conform to applicable building codes for that particular area. It is recommended to follow all building codes and standard industry practices.

Jensen Bridge & Supply Company is not responsible for the performance of the soffit and/or wall system if it is not installed in accordance with the suggested instructions referenced in this installation manual, or in the product overview. If there is a conflict between this manual and the actual erection drawings, the erection drawings are to take precedence. Water tightness is on the responsibility of the installer. Jensen Bridge will not be responsible for any claims resulting in lack of water tightness.

Prior to ordering and installing materials, all dimensions should be verified by field measurements.

Jensen Bridge reserves the right to modify, without notice, any details, recommendations or suggestions. Any questions you may have regarding proper installation of the soffit and wall system should be directed to your Jensen Bridge representative.

Consult Jensen Bridge for any additional information not outlined in this manual.

This manual is designed to be utilized as a guide when installing soffit and/or wall systems. It is the responsibility of the erector to ensure the safe installation of this product system.



BRIDGE & SUPPLY COMPANY

400 Stoney Creek Drive, P.O. Box 151
Sandusky MI 48471
(810)648-3000, Fax: (810)648-3549

9610 County Road Fourteen
Wauseon, OH 43567
(419)335-3200, Fax: (419)335-3201

www.jensenbridge.com

GENERAL SPECIFICATIONS

Handling & Storage

On job sites, care should be taken when handling painted surfaces during installation and storage to protect the finish. It is important that panels are kept dry. **MOISTURE TRAPPED BETWEEN THE SHEETS MAY CAUSE SUPERFICIAL STAINING OR LIFTING OF THE FINISH.** When material cannot be stored inside, place material on a slight incline and cover with a properly draped canvas or tarp that will allow airflow. Never use plastic, as it may cause condensation to accumulate. When lifting panels, always lift from panel edge, as panels will bow when lifted while flat. Panels may be shipped with protective film. **IN THIS CASE FILM MUST BE REMOVED BEFORE INSTALLATION.**

Safety Precautions

Protective heavy-duty gloves should be worn when handling metal panels and trim. Safety goggles and hearing protection should be worn while cutting or drilling panels.

Installation

Sub-structures should be checked for uniformity and should be in good condition. 1/2" or thicker OSB or plywood is required, 5/8" is recommended. Substrate should be covered with a barrier according to local standards. Extra care should be given to the installation of the first sheet making sure it is completely square.

Sealants

Silicone sealants are not recommended for painted panel applications. Urethane or polymer sealant are recommended. Tape sealant should be used at any joints to assure weather tightness.

Cutting

Panels are best cut with power shears, nibblers, or tin snips. **ALTHOUGH NOT RECOMMENDED, WHEN USING A POWER SAW PANELS MUST BE CUT FROM THE BACK SIDE.** Hot filings should never come in contact with the painted surface of the panel being cut, or any panels nearby. Filings that become embedded in the paint may cause a rusting effect. They may be removed with car wax and a cloth. Fitting of panels and field cutting should be expected and part of normal installation.

Oil Canning

Flat surface areas in metal panels are subject to stress called oil canning. Uneven substrates, over tightened or under-driven fasteners, ripples or laps in vapor barriers, or debris under panels all can cause oil canning. **Oil canning is not a cause for rejection of panels.**



PLANNING / TECHNOLOGY / SUBSTRUCTURE

Planning

Prior to installing flushmount/offset soffit and wall panel, detailed planning must be taken into consideration to determine the layout of the panels on the structure. In addition to the proper fasteners and appropriate sub-structure, the placements of the panels must be divided out using proper measurement techniques. In addition to the manufacturer's instructions, local guidelines and standards **MUST** be followed.

Technology

The flushmount/offset soffit and wall panel is provided with tongue and groove edges on the two longitudinal edges, a pocket side and an insert side. After the panel is mounted on the projecting arm of the pocket side, the insertion side of the next panel is slotted in and also reattached to the substructure. This results in a concealed fastener system.

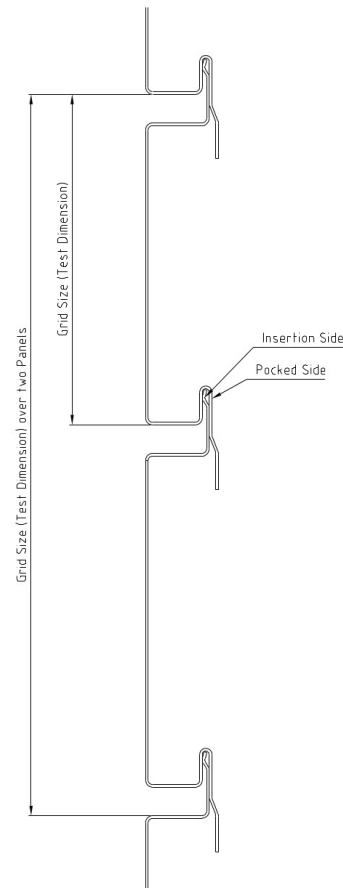
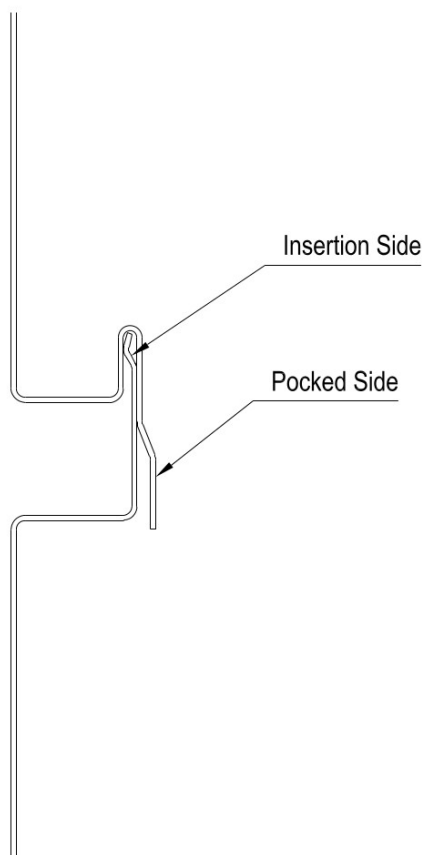
Substructure

The requirements of local standards and guidelines must be observed regarding substructure. If used, OSB should be a minimum of 5/8" thick and plywood should be a minimum of 1/2" thick. Flushmount/offset panel may be applied over open framing, with purlins being a max of 24" on center.



HORIZONTAL INSTALLATION

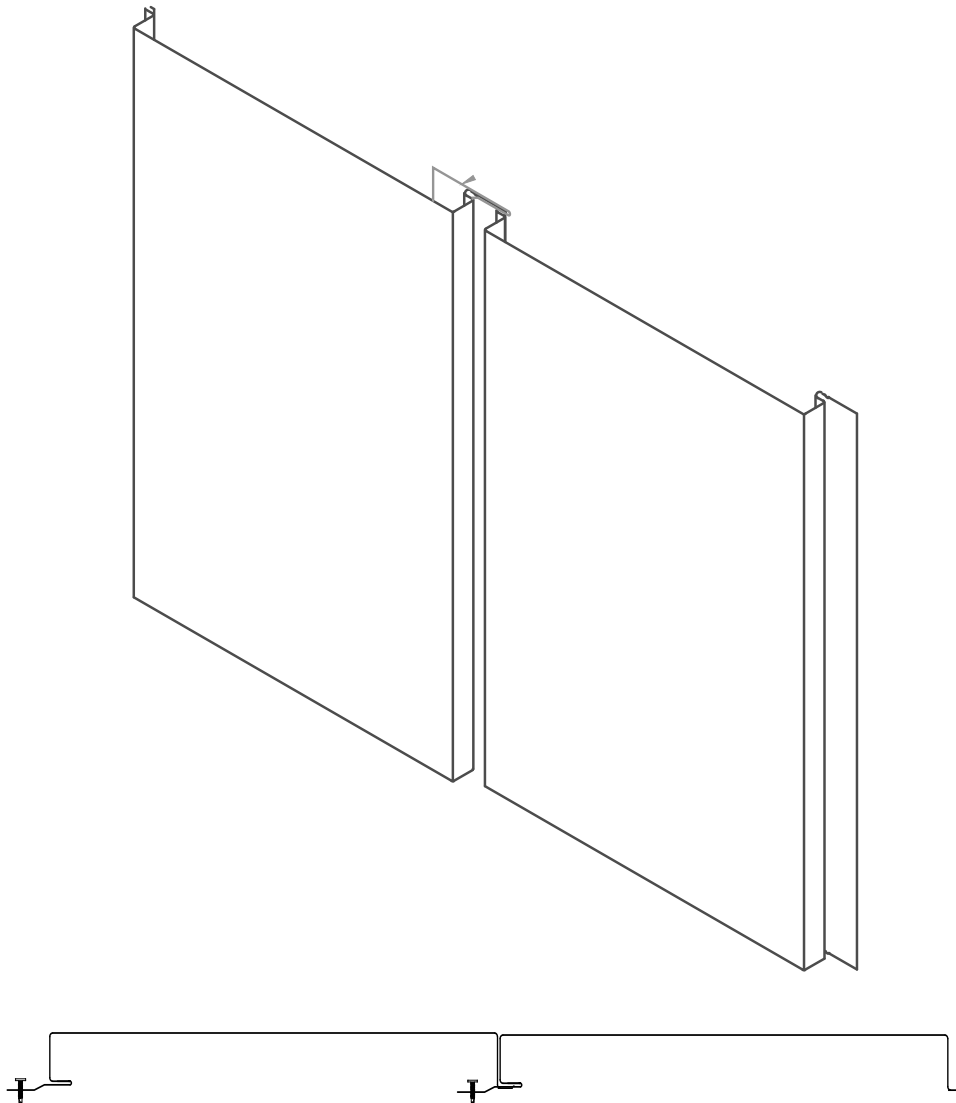
Whether installing vertically or horizontally, it is very important to ensure that the positioning and orientation of the first panel is correct. Panels installed horizontally must always be fastened from the top to the bottom to prevent water ingress at the joints.



Generally, it is not necessary to insert any additional sealants into the joints and connections. The grid dimensions of the installed panels should be checked again after no more than three panels to avoid creeping inaccuracies.

* 1" or 1-1/2" pancake screws used to fasten panel, spaced every 12" - 18".

VERTICAL INSTALLATION



**1" OR 1-1/2" PANCAKE SCREWS USED
TO FASTEN PANEL EVERY 12" - 18"**

Generally, it is not necessary to insert any additional sealants into the joints and connections. The grid dimensions of the installed panels should be checked again after no more than three panels to avoid creeping inaccuracies.



BRIDGE & SUPPLY COMPANY

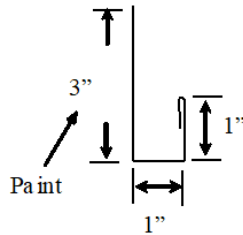
400 Stoney Creek Drive, P.O. Box 151
Sandusky MI 48471
(810)648-3000, Fax: (810)648-3549

9610 County Road Fourteen
Wauseon, OH 43567
(419)335-3200, Fax: (419)335-3201

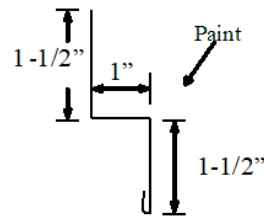
www.jensenbridge.com

FLUSHMOUNT/OFFSET SOFFIT TRIMS

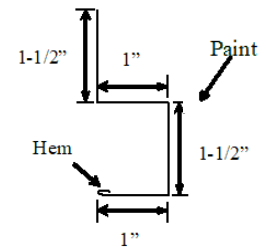
J Channel



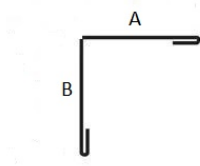
Zee Trim



1" Box Base Trim



Outside Angle Trim



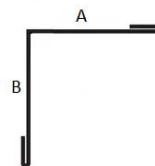
A x B

2" x 2"

3" x 3"

4" x 4"

Inside Angle Trim



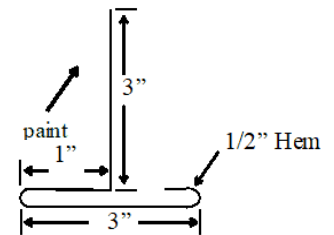
A x B

2" x 2"

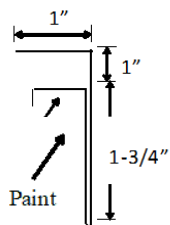
3" x 3"

4" x 4"

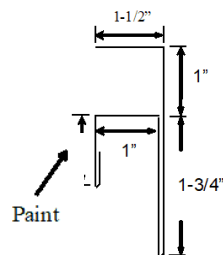
Mansard



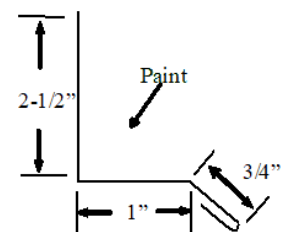
F Channel



Double J Trim



Drip Cap

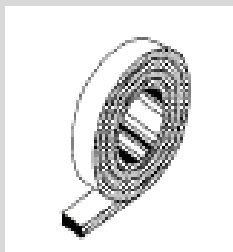


ACCESSORIES

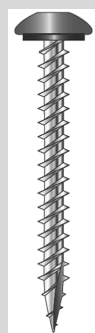
METAL ROOF SEALANT



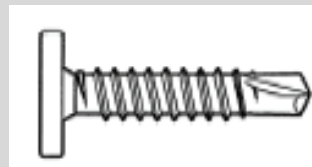
DOUBLE-SIDED SEALANT TAPE



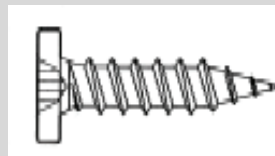
ECLIPSE M/W SCREW



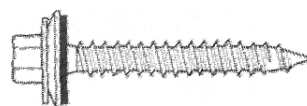
1" PANCAKE SELF - DRILLER



1" PANCAKE SCREW



1-1/2" METAL TO WOOD SCREW

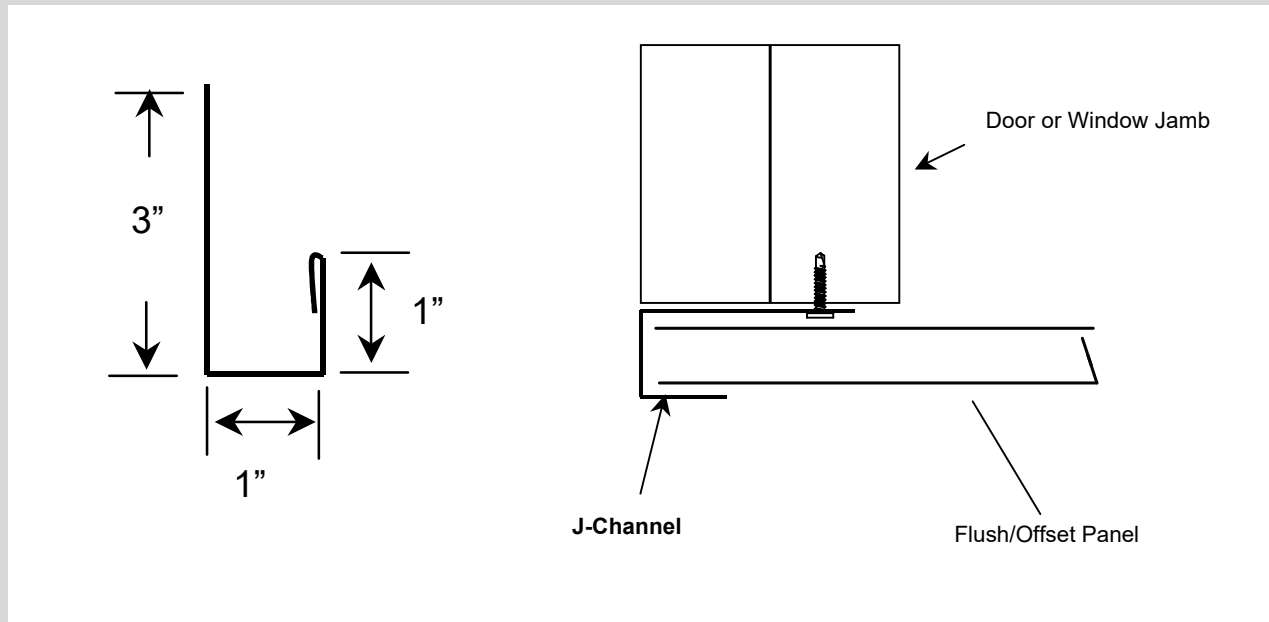


POP RIVET

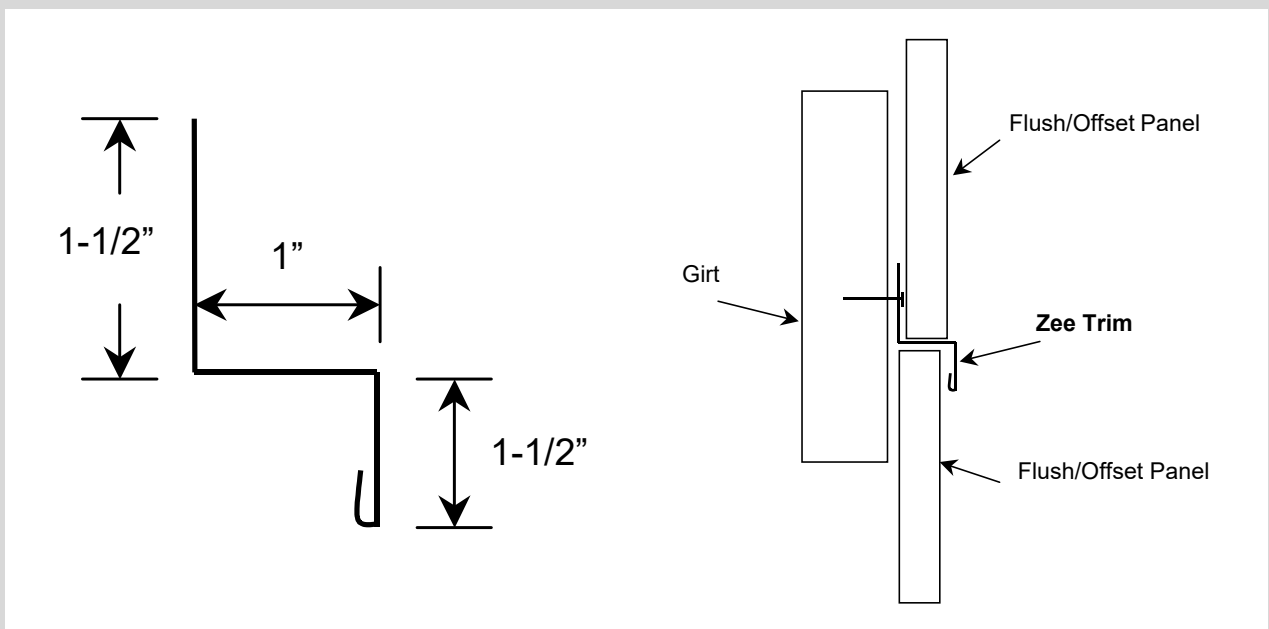


J CHANNEL / ZEE TRIM

J CHANNEL

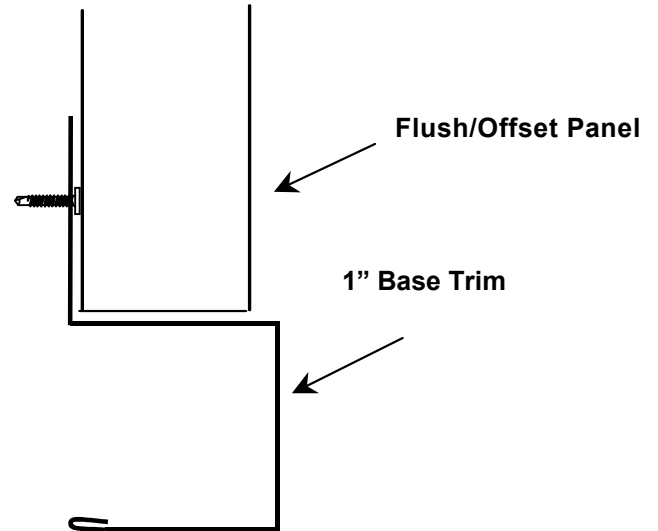
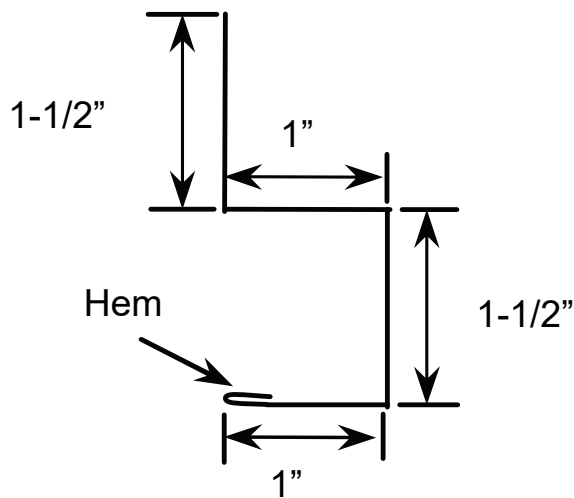


ZEE TRIM

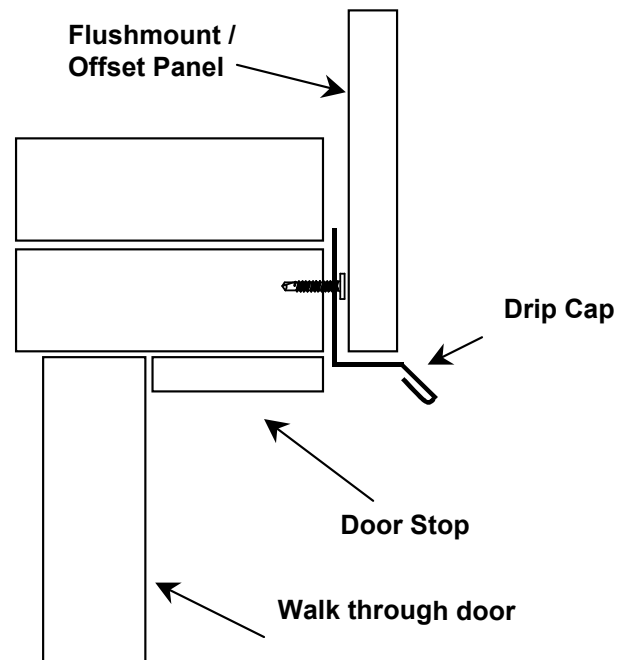
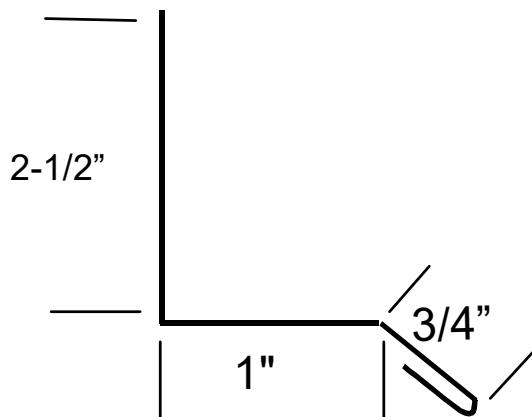


1" BOX BASE / DRIP CAP

1" BOX BASE

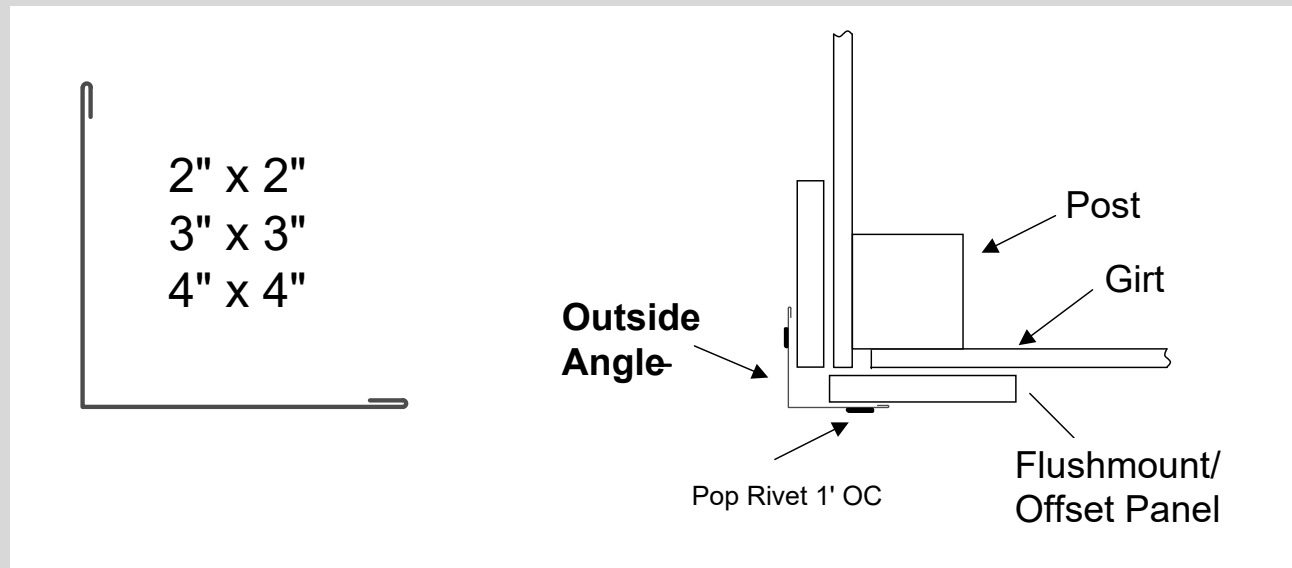


DRIP CAP

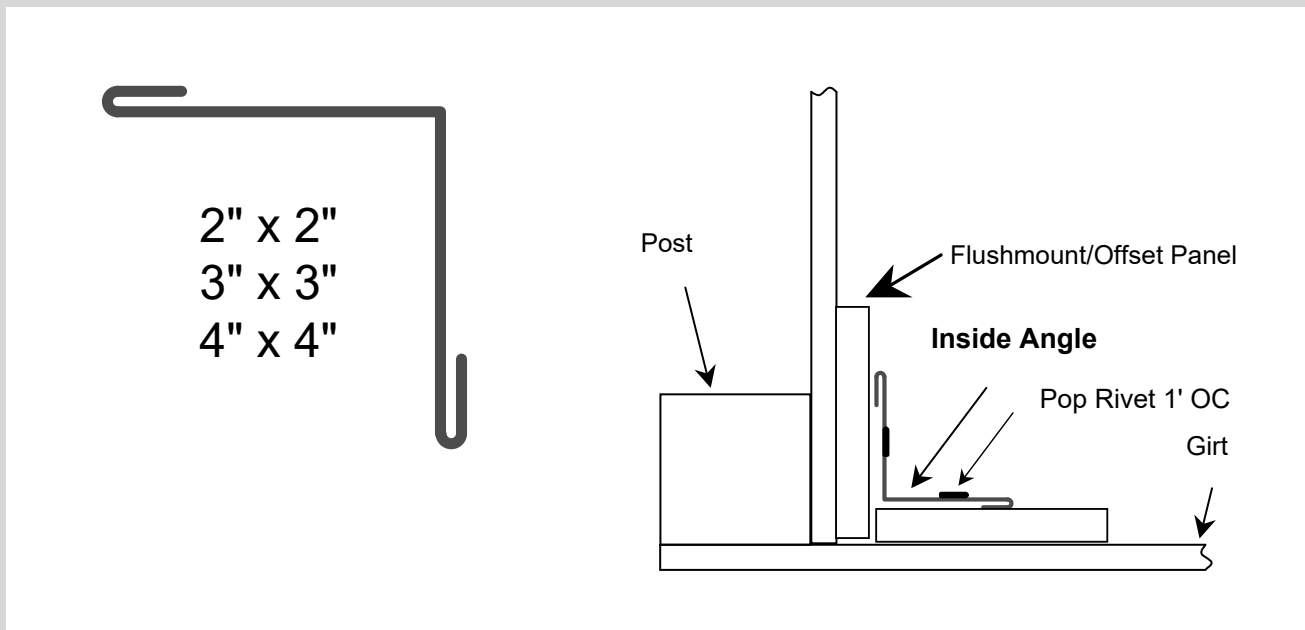


OUTSIDE ANGLE / INSIDE ANGLE

OUTSIDE ANGLE

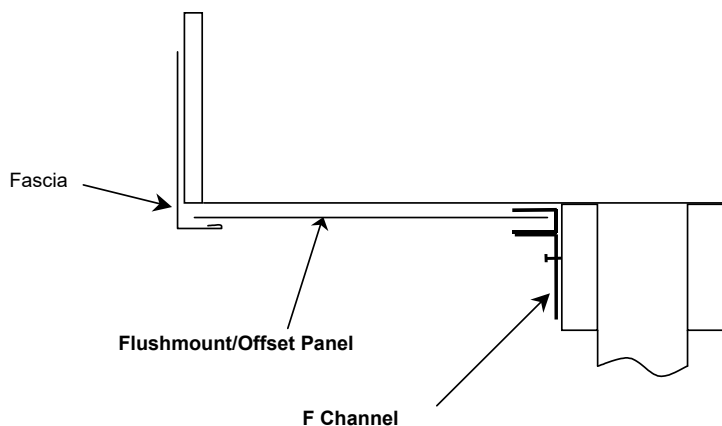
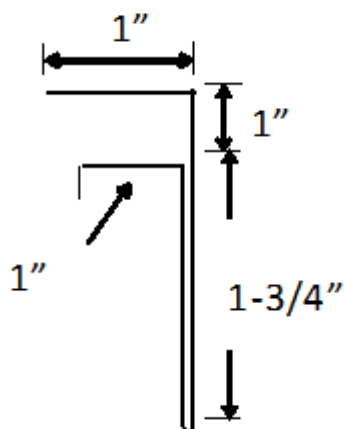


INSIDE ANGLE

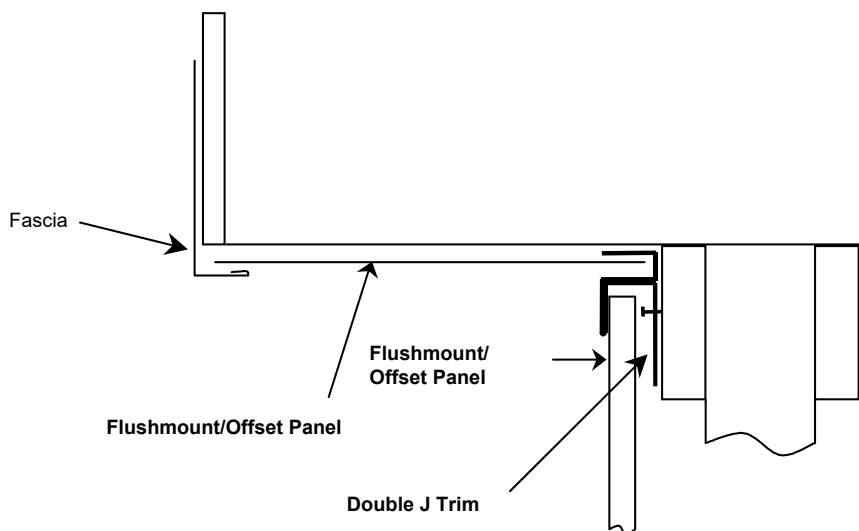
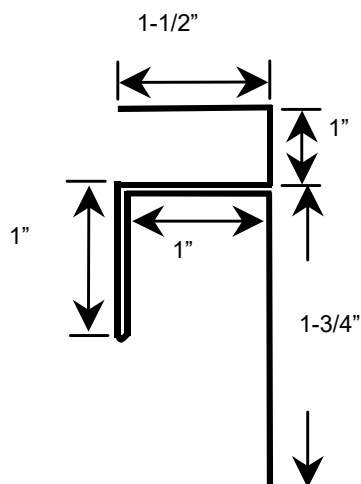


F CHANNEL / DOUBLE J

F CHANNEL



DOUBLE J



CARE & MAINTENANCE

Cleaning & Maintenance of Painted Surfaces

While factory-applied finishes for metal building panels are so durable that they will last many years longer than ordinary paints, it is desirable to clean them thoroughly on a routine basis. Apparent discoloration of the paint may occur when it has been exposed in dirt-laden atmospheres for long periods of time. Slight chalking may also cause some change in appearance in areas of strong sunlight.

A good cleaning will generally restore the appearance of these coatings and render repainting unnecessary. An occasional light cleaning will also help maintain an aesthetically pleasing appearance.

To maintain the original finish of the metal building panels, the only regular maintenance necessary is that of annual washing. Mild solutions of biodegradable cleaner or household ammonia will aid in the removal of most dirt, and the following are recommended levels:

- 1.) One cup of Simple Green®, or other non-toxic biodegradable cleaner, which contain less than 0.5% phosphate, dissolved into two gallons of warm water. NOTE: The use of detergents containing greater than 0.5% phosphate is not recommended for use in general cleaning of building panels. NEVER BLEND CLEANSERS OR DETERGENTS WITH BLEACH.
- 2.) One cup of household ammonia dissolved into five gallons of water (room temperature).

Working from the bottom to the top of the metal building panels, the panels may be washed with either solution. The use of a well soaked cloth, sponge, brush (with very soft bristles), or a low pressure spray washer is advised.

We do not recommend the use of scouring powders or industrial solvents, since these agents may damage the film. Solvent-containing cleaners such as Fantastic®, however, are very effective and can be used without concern.

If mildew or other fungal growth is a problem and cannot be removed as outlined above, household bleach, mixed at a concentration of one cup of bleach to five gallons of water, along with one cup of a mild soap(e.g., Ivory) to aid wetting, is recommended.

Once the building panel is washed, thorough rinsing with clear water is necessary to eliminate the possibility of residue. Failure to remove all residues from these cleaning steps may damage the film.

