

SNAPP Screen Installation Instructions

Whitney Glazing Supply

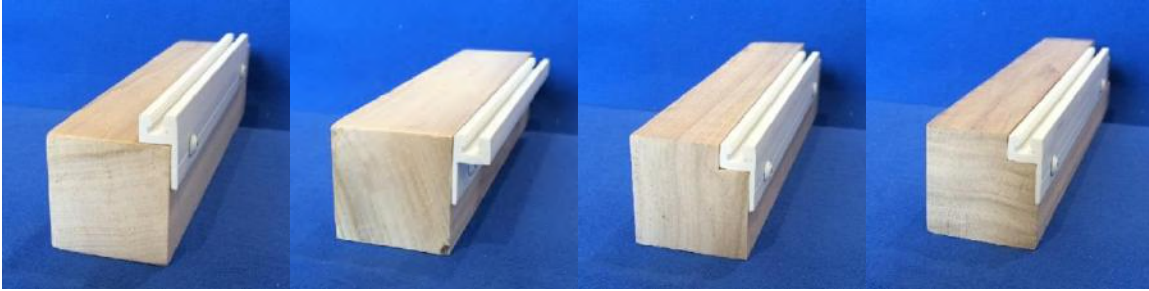
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Standard mounting methods



Standard Installation Instructions

- Modify directions as needed based upon your application •
- Extrusions can be butted together for longer runs •
 - Leave a 1/16" gap between all joints •
- Largest tested single opening size: 10' x 12' •

1. Determine the materials you'll need to order:
 - Lengths of SNAPP Screen
 - Mounting screws
 - Screen material
 - Spline
 - Spline Tool
2. Ensure you have the proper tools available:
 - Measuring tape
 - Utility knife
 - Screw gun
 - Hacksaw or power chop saw fitted with an aluminum/plastic cutting blade.



Safety Warning: Please follow all common and accepted safety practices and ensure that you are proficient in the proper and safe operation of any tools, equipment or procedures required to install this product.

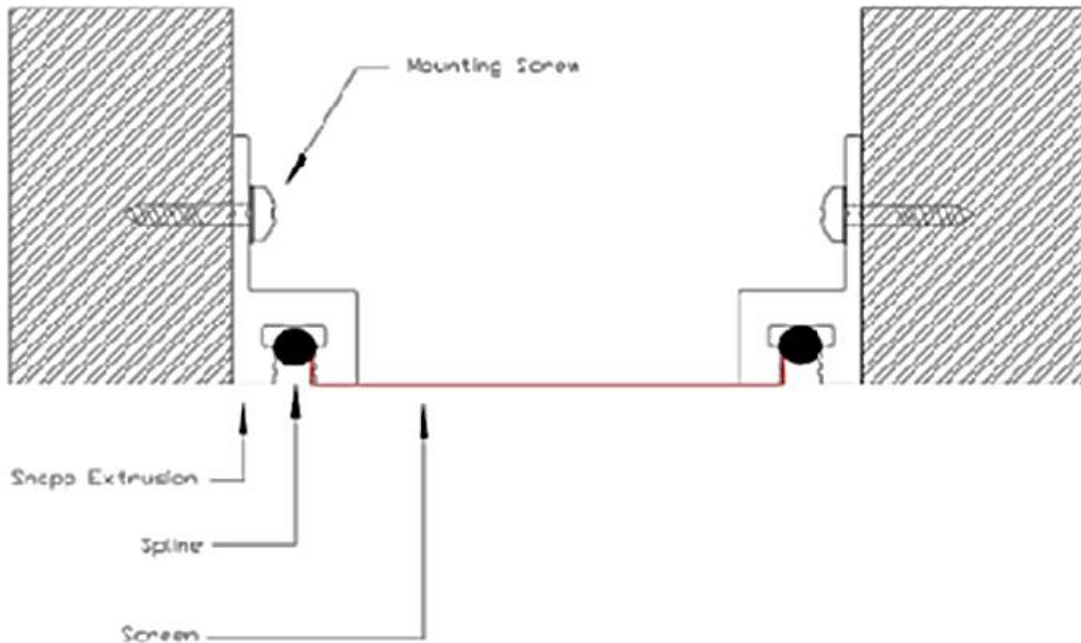
3. Determine how you intend to mount ("inside" or "around" opening) ("miter" or "butt" corners)

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Mounting Inside the Opening

As the installation name implies, the extrusion is installed within or “inside” the opening. The extrusions can be mounted at any point within the opening provided enough room exists for screen installation. (Also see notes section below) Installation can be with miter or butt corners (or a combination of both if required).

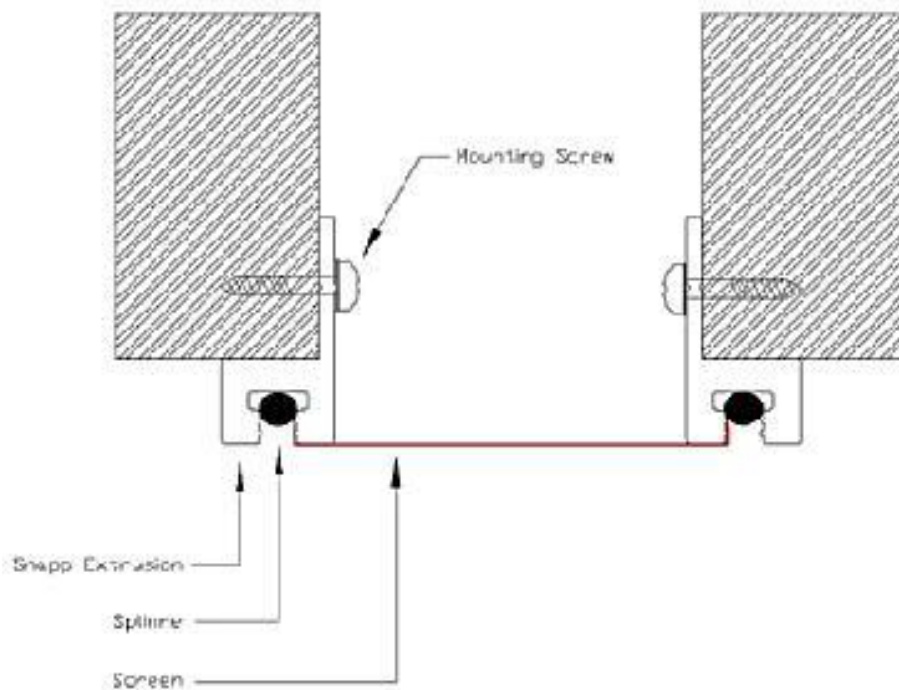


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Mounting Around the Opening

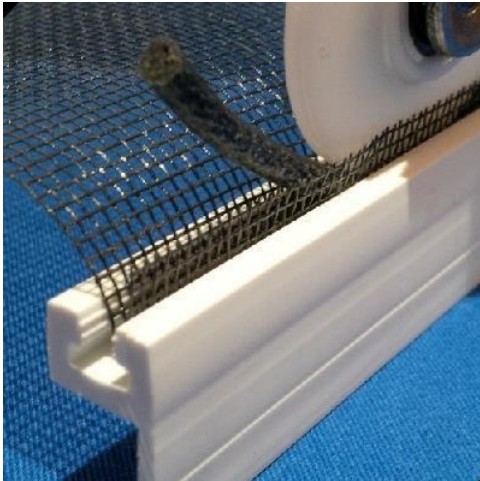
When installing the extrusion "around" the opening, the extrusion head will be located outside of the opening itself. This gives a picture frame effect or reveal which tends to be complimentary to most installations. This is the preferred method when screening arches. (Also see notes section below) Installation can be with miter or butt corners (or a combination of both if required).



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4. Installing width extrusions
 - Measure width dimensions and cut extrusion to proper size
 - Test fit in your opening then predrill for mounting screws. Use the score line to position drill holes
 - Place holes 1" from each end and then no more than 12" apart
 - Install the width extrusions
5. Installing the height extrusions
 - Measure your height dimensions and cut extrusion to proper size
 - Test fit in your opening then predrill for mounting screws. Use the score line to position drill holes
 - Place holes 1" from each end and then no more than 12" apart
 - Install the height extrusions
6. The recommended screening pattern is: top, bottom, prime hand side, non-prime hand side.



Screen material is installed in a traditional screening fashion.

Use only a 3/32" or 1/16" nylon wheel spline tool and new OEM spline (do not re-use spline when rescreening)

- Spline in top of opening and fully attach screen material. Ensure spline is fully seated into spline channel.
- Spline in lower extrusion. Pull downward tension on screen material while installing spline. This will tighten up the screen panel substantially. Most of your tension will be obtained during this step. Ensure spline is fully seated into spline channel.
- If you are right-handed, install the spline on the right side next, if you are left-handed, install the spline on the left side next. Ensure spline is fully seated into spline channel.
- Install spline in final remaining side. Pull lateral tension on the screen while installing spline. This step will tighten up the screen fully and create a clean flat installation. Ensure spline is fully seated into spline channel.

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Adjustments for metal materials

Screening pattern is the same except that the screen should be fully worked into the extrusion prior to installing spline. This eliminates trimming. To achieve this, overlap the top extrusion by 1/8" to 3/16" with the screen material. Work the screen into the extrusion fully. Angle cut the corners last. Install the spline in one full motion across the top. Repeat steps for bottom extrusion while putting downward tension on the screen. Repeat steps for prime hand side. Repeat for non-prime hand side, again while pulling lateral tension. If performed correctly there should be no trimming and screen should be flat with a clean appearance. Another trick (not required) is to use a step spline tool to form a clean edge prior to installing spline. This will give a crisp clean edge all around.

7. Trim screen by running blade along the top edge of extrusion. Trim location is the same for both sides of the extrusion.



CAUTION:

Aggressive or deep trimming will damage spline and/or weaken hold

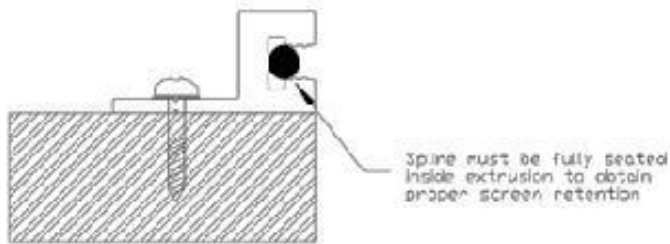
SNAPP® Screen will accept a wide range of screen materials:

- Polyester screen is the most recommended due to the materials ease of installation, strength and life span. Pool & Patio and well as no-see-um weaves are best choices
- Fiberglass screen is also a good choice but it will have a relatively short life span when compared to polyester screen. Pool & Patio, no-see-um, and sun-blocking materials are good choices
- Metal screen is not recommended

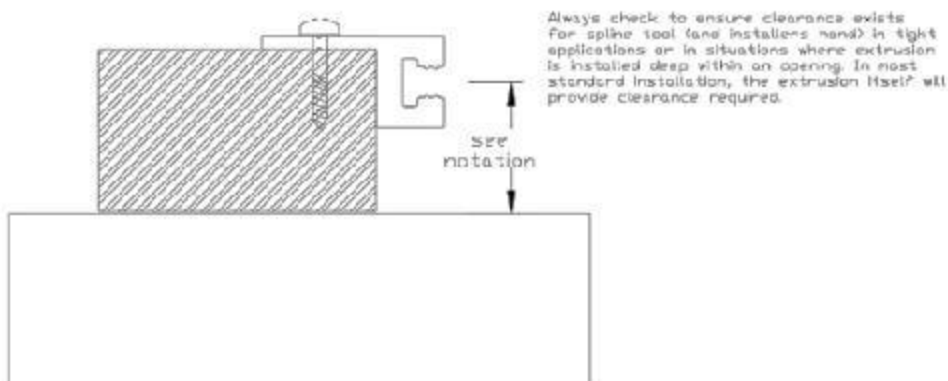
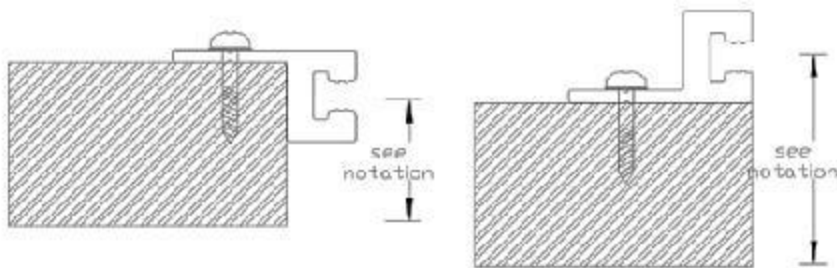
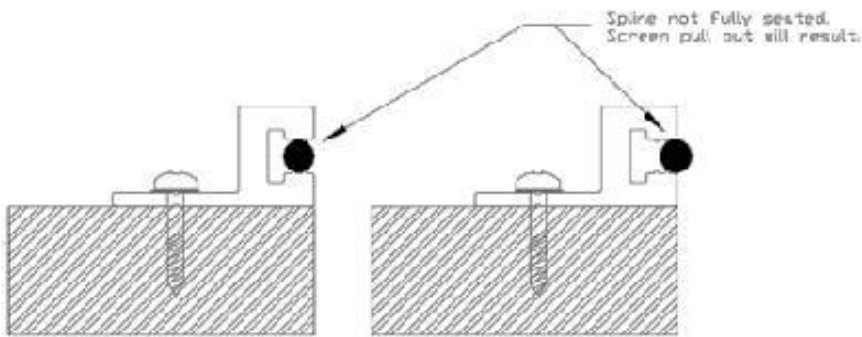
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Notes and Helpful Hints



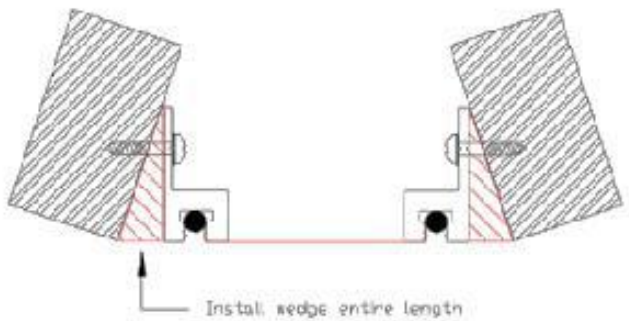
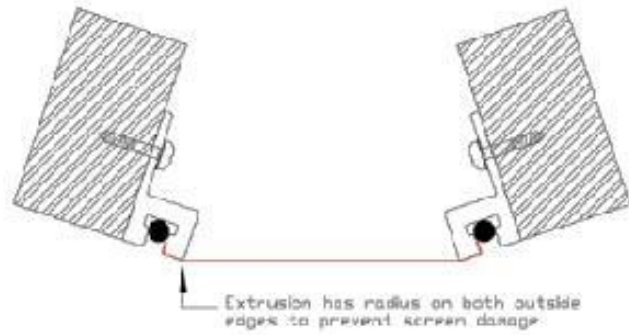
Spline must be properly sized and fully seated within the spline channel for hold. If spline is incorrect in size, or not fully seated, installation failure will occur. Use our .170 poly spline for all fiberglass and Super Screen screen materials. Do not reuse poly spline - it is a onetime use product. Do not use PE or rubber spline - failure will occur.



A cautionary note when installing the extrusion. (Particularly along the base of openings or when installing deep within an opening) Test fit at the location of installation and ensure you will be able to fit your hand and the spline tool for screen installation. The design of the extrusion allows for installation as installed but some may find this too tight. In these cases, add a spacer as shown.

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Column faces will typically be angled away from each other in traditional gazebo installations. The extrusion can be mounted directly to the columns or a wedge can be installed first. Extrusion can be mounted “inside” or “around” the opening or as required to facilitate installation.



“Inside” the opening with butt corner installation: Top and bottom extrusion (widths) are always sized to be the full opening. Heights are cut to fit in between the width extrusions. The gap shown in the photo left is normal and notching of the height extrusions is not required.

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“Around” the opening with butt corner installation: Top and bottom extrusion (widths) are always sized to be the full opening + $7/8$ ". (This will give you the needed additional length for the notch and overlap required on each end) Typically the notch will be $7/16$ " x $5/8$ " but size can change based upon installation conditions. Heights are cut to fit in between the width extrusions.



Installing SNAPP Screen in Arches/Radii



PVC: It is generally much easier to install the extrusion using the “around” the opening method. The PVC extrusion simply flexes easier. On a slow or long radius, the extrusion will fit with little effort. On fast or tight radii you may need to employ a heat gun to help soften the flange. You should also reduce the screw spacing to 6" or as needed for your application. The same points are true for “inside” the opening installations except that relief cuts may be required to compress the extrusion in fast or tight radii. Test fit the extrusion prior to determine the best installation method.

ALUMINUM: All points as noted above except that on fast or tight radii use of a commercial bender may be needed. Caution: When using a commercial bender, fast or tight radii bends may crack the applied powder coat finish. Best practice in these cases is to only bend unfinished (mill) extrusions and apply finish after bending -or- use the appropriate color matching PVC extrusion in the arch location(s).

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Safety Warning: This product is a “build in place” / “screen in place” insect screening system and will not provide fall prevention. Further, insect screening and sun shading materials only intended use is to reasonably stop insects from entering the covered opening. The misuse of insect screen and sun shading materials may lead to injury or death. These items will not stop persons, children, animals, or alike from falling out of or entering through the insect screen or sun shading material covered opening.

SNAPP Screen YouTube Resources



SNAPP® Screen System Installation Series - Part 1 explains how to calculate materials required to screen a project with the SNAPP® Screen System.



SNAPP® Screen System Installation Series - Part 2 reviews cutting and installing the SNAPP® Screen System screening extrusion.



SNAPP® Screen System Installation Series - Part 3 reviews the technique and process for installing screen material into the SNAPP® Screen System screening extrusion



SNAPP® Screen – Odd Shapes shows installation of the SNAPP® Screen extrusion into odd shaped openings. This would include openings with less than 4 sides or openings with more than 4 sides. Also covered - the process of "jumping" screen when using Butt Corners.