Ascent™



Glass Windscreen System Standard Installation (video availble at www.sightlinecommercial.com)

Ascent[™], a post-supported glass windscreen designed for commercial exterior use, delivers unobstructed views while also diverting wind to create a more enjoyable environment and outdoor experience. Designed to withstand 80psf wind loads – eight times the amount of standard windscreens – Ascent[™] is the ideal solution for protecting pools, outdoor dining areas and balconies from distracting winds. At a standard height of 6 ft., Sightline Commercial Solutions' Ascent[™] Windscreen System provides extensive coverage for furniture and patrons; however, the product's height is completely customizable based on individual project needs. In addition, its snap-fit aluminum posts make for quick, safe and easy assembly.



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Attach steel stanchions to substrate as required to meet local code requirements.

Tip: Steel stanchions must be vertically aligned.



Slide aluminum snap-fit post over steel stanchions. The pre-installed gasket and glazing tape will be facing the non-fall side of the system.

Tip: Install optional baseplate eschutcheon cover at this time.



Install (4x) 1/4" X 3/8" hex drive stainless steel set screws into sides of aluminum post fastening aluminum post to steel stanchion.

Tip: Install one side hand tight, then install other side. Go back and tighten both sides until flush, and post is plumb.



*For mid & end posts only: Install (4x) 5/16" X 3/4" hex drive stainless steel set screws into non-fall side face of aluminum post fastening aluminum post to steel stanchion.



Verify aluminum setting blocks have neoprene pad on top.

TIP: Aluminum setting blocks come preinstalled, verify at proper height.



Remove protective blue film from pre-installed glazing tape to prepare for glass installation.



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Install glass from non-fall side, set on top the neoprene setting block. Glass will adhere and be held in place by glazing tape. Ensure glass is at least 7/16" inset into channel.



Install snap-fit pressure plate onto aluminum post - securing glass in place. Install #10 X 5/8" stainless steel phillips drive flat head screws into aluminum post at pre-drilled locations in pressure plate.



Place snap-fit cover onto the pressure plate.

Tip: Will hear a click or snap when fully installed.



Apply silicone sealant to top of posts, then secure post top cap via screws to finish off the system.

Tip: For end posts, snap in the end cap insert prior to installing top cap.



If optional top cap and/or bottom cap are required, adhere to top/bottom of glass with bead of silicone.

General notes:

- Apply medium strength (blue)
 Loctite to all hardware threads.
- Refer to project specific installation instructions for more details.

