Ascent™ Glass Windscreen

Standard Windscreen Installation
(video available at trexcommercial.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., Trex Commercial Products’ 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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1. Attach steel stanchions to substrate as required to meet local code requirements.
   Tip: Steel stanchions must be vertically aligned.

2. Slide aluminum snap-fit post over steel stanchions. The pre-installed gasket and VHB tape will be facing the non-fall side of the system.
   Tip: Install one side hand tight, then install other side. Go back and tighten both sides until flush, and post is square on stanchion.

3. Install 1/4-20X3/8” hex drive cone point 18-8 stainless steel set screw into sides of aluminum post fastening aluminum post to steel stanchion.

4. Install aluminum setting blocks using 1/4-20x1” countersunk stainless steel machine screws into pre-drilled holes on side(s) of aluminum post below the gasket & VHB tape.
   Tip: No aluminum setting block needed on outside end post.

5. Remove blue strip from pre-installed VHB tape to prepare for glass installation.

6. Install glass from non-drop side, set on top the neoprene setting block. Glass will adhere and be held in place by VHB tape.
Ascent™ - Glass Windscreen System

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7. Install snap-fit pressure plate onto aluminum post - securing glass in place. Install #10-24X1/2” stainless steel phillips drive 100 degree flat head machine screw into aluminum post at pre-drilled locations in pressure plate.

8. Place snap-fit cover onto the pressure plate.
   Tip: Will hear a click or snap when fully installed.

9. Both the gasket and VHB tape are kept long at the top, and can be cut to height in field.

10. END POST INSERT

11. 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.