

Aluminum Pergolas



Structure Configuration:

Freestanding or structure attached

Component Material:

Aluminum, Alloy and temper varies depending on profile and design requirements

Component Sizes:

1" x 1" up to 8" x 12"

Other sizes available

Component End Detail:

Custom welded end details per supplied design

Component Attachment:

Mechanical, with stainless steel brackets and screws

Column Sizes:

4" x 4" x 1/8", 5" x 5" x 1/8", 6" x 6" x 1/8", 8" x 8" x 3/16" Other column materials, sizes, and shapes available

Column Attachment:

Welded mounting flange for concrete or framed structures

Canopy Options:

ShadeRight™ Fixed Polycarbonate system for rain and sun protection, ShadeRight™ Motorized Canopy for retractable sun protection

Recommended Specifications

Structureworks Aluminum Pergolas are designed and manufactured in freestanding and attached configurations. Aluminum pergolas are made to your specification in almost any size and shape. Rectangular shaped structures, cantilevered designs, and curves are all possible with Structureworks extruded aluminum profiles. Pergolas are typically supported with square aluminum columns. All aluminum profiles may be finished with a custom designed traditional decorative scrolled end detail, flat end detail, or angle cut end detail. Aluminum components are mechanically fastened using stainless steel hardware. All materials come pre-finished with a high quality powder coat finish. Please contact Structureworks for assistance with the layout and design of your pergola when required.

General

Where indicated on plan drawings or described in schedules, furnish and install aluminum pergolas as designed and manufactured by Structureworks, Fredericksburg, Virginia. Pergola structures will be furnished in the configurations represented on the plan drawings and will include all components and finishes as specified and required for a quality installation.

Submittals

Structureworks will submit shop drawings illustrating key plans, elevations, sections, details showing profiles, spacing of components, attachment details and locations. When required, submit calculations prepared by a licensed professional engineer. Provide samples of manufacturer's finish and color options.

Maintenance

Aluminum pergolas are designed to provide a long service life with very little maintenance. With an impervious substrate such as aluminum, finish coatings can be expected to perform well, even in extreme climates. Aluminum pergolas finished with Structureworks high quality powder coating system will provide an attractive, durable finish for many years. Inspections of mechanical fasteners, particularly column and building connections, should be inspected yearly and adjusted as needed.

Warranty

Limited lifetime warranty for structures in residential applications.

30 Year Limited warranty for structures in commercial applications.

Finish

Provide aluminum pergolas finished using Structureworks five step pre-treatment powder coating system. Choose from the selection of standard colors and woodgrain finishes or provide custom color for matching.

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FABRICATION

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