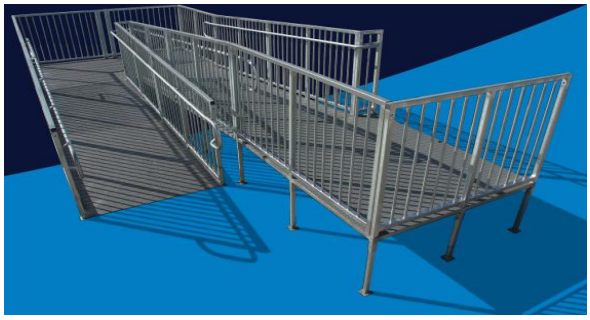
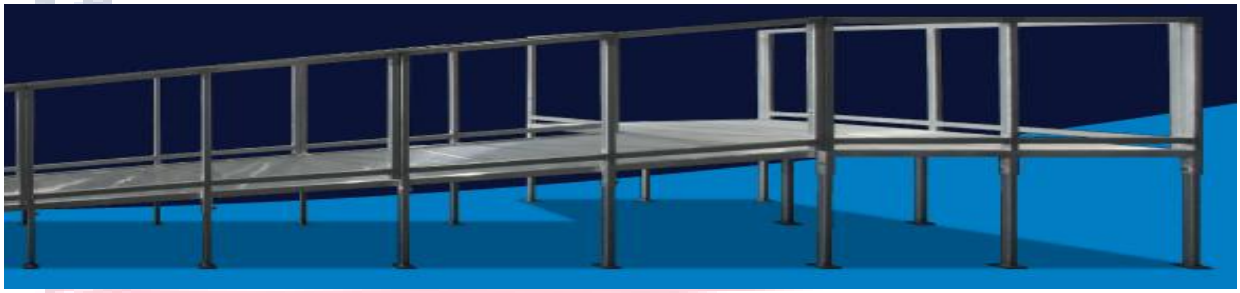
American Modular Access Systems

Sales, Installation, Service & Rental





AMASINC, is dedicated in helping the American people in need, selling, installing and servicing wheelchair ramp systems for people with disability, elderly people, schools, churches, government buildings, commercial and residential industry.

AMASINC provides our clients with:

- ** ADA, ANSI, IBC, BOCA, federal, state and local code compliance*
- ** Structurally solid*
- ** Aesthetically design*
- ** Safe*
- ** Weather resistant*
- ** Re-Locatable*
- ** 100% Aluminum*
- ** Low maintenance*
- ** Durable*
- ** Adjustable*
- ** Non-skid*
- ** Economical*
- ** Light-Weight*
- ** Guardrails/Handrails*

American Modular Access Systems
Phone: 863-227-6795 ● Fax: 863-874-4236

RAMPS: ALUMINUM VS. WOOD

On February 12, 2002, EPA announced a voluntary decision by industry to move consumer use of treated lumber products away from a variety of pressure-treated wood that contains arsenic by December 31, 2003, in favor of new alternative wood preservatives. This transition affects virtually all residential uses of wood treated with chromated copper arsenate, also known as CCA. A number of preservatives as alternatives to CCA-treated wood have been registered by EPA, and wood treated with these preservatives are expected to be available in the marketplace. In addition, untreated wood (e.g., cedar and redwood) and nonwood alternatives, such as aluminum, plastics, metal, and composite materials are available.

ADA OVERVIEW

The Americans with Disabilities Act (ADA) was set forth in 1990. The ADA recognizes and protects the civil rights of individuals with disabilities, enabling them to share in and contribute to the vitality of American life. The ADA means access to:

- ***Jobs***
- ***Public accommodations***
- ***Government services***
- ***Public transportation***
- ***Telecommunications***

ADA's regulations are issued and enforced by both the Department of Justice and the Department of Transportation. The Americans with Disabilities Act Accessibility Guidelines (ADAAG) of the U.S. Architectural and Transportation Compliance Board (ATBCB) require public facilities and grounds to comply with design, construction, and installation standards. Although not binding to personal residences, these standards should be taken into consideration when purchasing a modular ramp.

WHERE DO MODULAR RAMPS FIT IN?

As it relates to ramps, the ADAAG specifies how steep a ramp (incline) must be, ramp width, handrail design, etc. Our Modular Ramp System meets all ADAAG requirements. Although a ramp system installed at a private residence typically is not obligated to meet ADAAG requirements, by following these guidelines the end user is assured acceptable levels of convenience, comfort, and safety:

4.8.1 GENERAL

Any part of an accessible route with a slope greater than 1:20 shall be considered a ramp and shall comply with 4.8.

4.8.2 SLOPE AND RISE

The maximum slope of a ramp in new construction shall be 1:12. The maximum rise for any single ramp run shall be 30-inches (760 mm). Curb ramps and ramps to be constructed on existing sites or in existing buildings or facilities shall be permitted to have slopes and rises provided space limitations prohibit use of a 1:12 may have slopes and rises as follows (4.1.6):

1) A slope between 1:10 and 1:12 is allowed for a maximum rise of 6-inches.

2) A slope between 1:8 and 1:10 is allowed for a maximum rise of 3-inches. A slope steeper than 1:8 is not allowed.

4.8.3 CLEAR WIDTH
The minimum clear width of a ramp shall be 36-inches (915 mm).

4.8.4 LANDING
Ramps shall have level landings (platforms) at the bottom and top of each ramp and each ramp run. Landings shall have the following features:

1) Landing width shall be at least as wide as the ramp run leading to it
2) Landing length shall be 60 inches (1525 mm) minimum clear
3) Ramps that change direction at landings (platforms) shall have a 5'x 5' (1525 mm by 1525 mm) minimum landing (platform)
4) If a doorway is located at a landing (platform), then the area in front of the doorway shall comply with 4.13.6.

4.13.6 MANEUVERING CLEARANCES AT DOORS
Minimum maneuvering clearances at doors that are not automatic or power assisted shall be as shown in FIG A. The floor or ground area within the required clearances shall be level and clear.

4.8.5 HANDRAILS
If a ramp run has a rise greater than 6-inches (150 mm) or a run greater than 72-inches (1833 mm), then it shall have handrails on both sides.
Handrails shall comply with 4.26 and have the following features:

1) Handrails shall be provided along both sides of ramp segments. The inside handrail on switchback (turn back platform) or dogleg (turn platform) ramps shall always be continuous.
2) If handrails are not continuous, they shall extend at least 12- inches (305 mm) beyond the top and bottom of the ramp segment and shall be parallel with the floor or ground surface .
3) The clear space between the handrail and the wall shall be 1½- inches (38 mm).
4) Gripping surfaces shall be continuous.
5) Top of handrail gripping surface shall be mounted between 34" and 38" (865 mm and 965 mm) above ramp surfaces.
6) Ends of handrails shall be either rounded or returned smoothly to floor, wall, or post.
7) Handrails shall not rotate within their fittings.

4.8.6 CROSS SLOPE AND SURFACES
The cross slope of ramp surfaces shall be no greater than 1:50. Ramp surfaces shall comply with 4.5

4.5.1 GENERAL
Ground and floor surfaces along accessible routes and in accessible rooms and spaces including floors, walks, ramps, stairs, and curb ramps, shall be stable, firm, slip-resistant and comply with 4.5.

4.8.7 EDGE PROTECTION
Ramps and landings (platforms) with drop-offs shall have curbs, walls, railings, or projecting surfaces that prevent people from slipping off the ramp. Curbs shall be a minimum of 2-inches (50 mm) high.

4.8.8 OUTDOOR CONDITIONS

Outdoor ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.

THE CODE OF FEDERAL REGULATIONS: ADA STANDARDS FOR ACCESSIBLE DESIGN 28 CFR PART 36

EVALUATION AND PRICING

To help you evaluate your project and give you an accurate price please do the following:

What we'll need are the measurements and pictures, most importantly the total rise. We need a total of 4 to 8 photos; some close up as well as wide photos of the doorway and surrounding area so we can get a good feel for how the ramp would be set up and where it would end. Also take pictures and measurements of additional obstacles like a raised threshold. You'll want to use a laser level if you have one or a line and level you can find out if the rise changes from where the ramp starts to where it ends. We want to stay at a 1:12 pitch (1 foot of ramp for every inch of rise) from the start of the ramp to the end. Most importantly, determine a layout for how the ramp would fit. A simple drawing for us on the Site Evaluation Worksheet will be help full. Sign off on the drawing is necessary. If you need help with any concerns or questions, call us and we can walk you through the evaluation, to make sure we will understand your drawing and prevent lag time in trying to call you after we receive the Site Evaluation Sheet. We are here to help and serve you.

Site Evaluation Worksheet

Evaluation Date:	**CUSTOMER INFORMATION**
Evaluating Company:	Name:
Address:	Address:
City, St. Zip:	City, St. zip:
Phone:	Phone:
Evaluated By:	Total Rise: Front □ Rear □ Side □

NOTE OBSTACLES SUCH AS; DRIVEWAY, SIDEWALKS, TREES, POLES, LANDSCAPING, ETC...

SCALE: 1 SQUARE = 1 FOOT

End User Signature required:	**Date**:
By signing this form you agree to the ramp layout as drawn above. No changes can be made after product is order	

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