

Access4U designs, manufactures and distributes Modular Accessibility Systems including aluminum ramp, platform and stair modules with aluminum decking to provide accessibility to residential and commercial buildings. Customers have the option of selecting modules that meet ADA commercial or residential specifications. A properly configured accessibility system may require a combination of standard modules which are designed to meet specific code, approved by a professional engineer and installed properly to assure compliance and structural integrity.

Modules are shipped with all necessary components and hardware. Access4U customer service will help customers to determine which modules are required

Specifications for Accessibility to Residential Buildings

Material

- Aluminum Extrusions: 6061-T6 and 6005A
- Other aluminum components 5052-H32
- Fasteners: Zinc Plated Steel 5/16-18 UNC

Design

- All modules are designed for 750 lbs uniformly distributed live load

Legs

- Legs allow deck height adjustment by tightening clamp against leg.
- When deck height exceeds 36 inches X-braces must be installed.
- Foot Plates have less than 10 lbs. per sq. inch loading. Custom foot plates can be provided upon request to reduce base plate load.
- Footings and/or supporting surfaces must be able to support ramp, platform and stair load.

Deck

- Slip resistant grooved surface. 0.8 Coefficient of Friction meets ADA guidelines for inclined surfaces
- Aluminum interlocking planks provide a continuous walking surface.

Handrails

- 1½" Outside diameter handrails are designed for a concentrated load of 200 lbs in any direction
- Continuous upper handrail is 1 ½ in above Post between 34" and 38" above deck
- Lower Handrail is attached between Posts 20" and 24" above deck

Manufacturing

- Exposed surfaces are smooth and free of sharp edges
- All surfaces are mill finish unless otherwise specified.

Products

Custom sizes can be provided upon request

All surfaces are mill finish unless otherwise specified

Modular Products

Ramps

Length: 4, 5, 6, and 8 ft Width: 3 ft

Platforms- Left turn, Right turn or Straight Thru

Size: 4 x 4 and 5 x 5 ft

Platforms- U Turn or Z Turn

Size: 4x 8 ft, 5 x 8 ft.

Platform- Resting

Length: 4 and 5 ft, Width: 3 ft

Platform- Ground

Size: 4 x 4 and 5 x 5 ft

Stairs

Width: 3ft, Heights: 12 to 45 in

Gates

Height: 30" above deck, Width: 3, 4 and 5 ft

Pickets:

Height: 3 ½" below top handrail and 3 ½" above curb

Placement: Outside posts

Guardrail:

Height: 42" above deck.

Placement: Outside posts

Portable Products

MiniRamp - ADA curbs, transition plate at each end

Length: 2, 3, 4, 5, 6 ft.

Width: 30 & 36 in

Threshold Ramp – No Curb,

Choice of transition plate that rests on threshold or legs that can be fit to height requirement

Transition plate at lower end

Length: 2, 3, 4, 5 ft

Width: 30 & 36 in

Folding Ramp - ADA curb, transition plates at each end.

Folds for easy storage and portability

Length: 2, 3, 4, 5, 6, 7 & 8 ft

Width: 30 & 36 in