



Access4U designs, manufactures and distributes Modular Accessibility Systems including aluminum ramp, platform, stair, gate, ground platforms modules 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 necessary for entire ramp system. Access4U customer service will help customers to determine which modules are required

## Specifications for Accessibility to Residential Buildings

### Material

- Extrusions: 6063-T6 and 6005A-T6
- Other components: 5052-H32 aluminum

### Design

- All modules are designed for uniformly distributed live load of 50 PSF and 240Lbs concentrated load

#### **Legs**

- Legs allow deck height adjustment by sliding Legs into Posts and tightening clamp against leg.
- When deck height exceeds 36 inches X-braces must be installed.
- Maximum Foot pressure is 17 lbs. per sq. inch. Custom foot plates can be provided upon request to reduce Foot pressure.
- 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 decking with interlocking planks provide a continuous walking surface.

#### **Handrails**

- 1½" Outside diameter handrails
- Continuous handrail is 34" above deck for 2-rail handrail and 38" above deck for picket rails.
- Guardrail is 42" above deck.
- Lower Handrail is attached 20" 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

#### **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, Left or 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**

Single rail on both sides

Width: 3ft, Rise: 12 to 42 in

##### **Gates**

Height: 34" above deck, Width: 3 ft

##### **Pickets:**

Rail Height: 34" above deck

##### **Guardrail:**

Height: 42" above deck.

#### **Threshold Products**

##### **MiniRamp - Curbs**

Length: 2, 3, 4, 5, 6 ft., Width 30, 32 & 36 IN

##### **Threshold Ramp – No Curb**

Length: 2, 3, 4, 5, 6 ft., Width 30, 32 & 36 IN

##### **Adjustable Threshold Ramp – No Curb**

Independently adjustable Feet

Length: 2 1/2, 3, 4, 5, 6 ft., Width: 30, 32 & 36 IN

##### **Supported Ramp – No Curb, 1:8 slope**

Rise: ½, 1, 1 ½, 2, 2 ½, & 3 IN

##### **Folding Ramp - Curb, Folds for storage & portability**

Length: 2, 3, 4, 5, & 6 ft, Width: 28 1/2, & 30 IN

##### **Assist – Curbs and handrails**

Length: 2, 3, 4, 5, 6 ft., Width: 36 IN