

Kattsafe Height access
and fall protection

ALUMINUM STAIR BRIDGE

KC

"Bringing Order To Chaos"
w.w.Cannon, llc.

Design. Layout. Build. Install.

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PRODUCT OVERVIEW



The Kattsafe Aluminum Stair Bridge allows for safe access over pipes, expansion joints and equipment or up to elevated areas. The Kattsafe stair bridge is available as standard in widths of 2ft, 3ft, and 4ft. Various platform lengths are available as well as mounting options. Custom widths and sizes are also available.

Features

- Sturdy, heavy duty aluminum construction - low maintenance
- Can be mounted on metal, membrane, and built-up roof systems
- OSHA compliant when installed correctly and away from fall hazards
- Modular system facilitates infinite configurations and customization in the field

TECHNICAL SPECIFICATION

Materials

- Stair treads: 10 x 1-1/2in (254 x 38mm) 6005-T5 aluminum tread with serration for grip
- Stair tread mounting brackets: Aluminum 6106-T6 brackets to mount stair tread to the stair stringer
- Mounting tread to stringer: (2), 3/8in (9.5mm) stainless steel T-Bolts
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- Stair stringer: 180 Extruded Aluminum 6005-T5. 7-1/8in x 1-1/4in (180 x 32mm). Cut to length per stair length required

Stair system mounting brackets

- Floor brackets: Mount to stringer with 3/8in (9.5mm) stainless steel T-Bolts. Can be mounted to: (a) surface attachment method, anchored by Anchor Products, for roof attachment. (b) Non-penetrating plastic coated steel base plates. Subject to application.
- Top brackets for platform: stainless brackets to mount stair systems to modular access platform

Platform

- Surface: Aluminum walkway grating. 1/2in (13mm) thick mesh, aluminum 6063-T4
- Side rails: 180 Aluminum Extrusion 6005-T5. 7-1/8 x 1-1/4in (180 x 32mm)
- Floor brackets: Mount to stringer with 3/8in (9.5mm) stainless steel T-Bolts. Can be mounted to: (a) surface attachment method, anchored by Anchor Products, for roof attachment. (b) Non-penetrating plastic coated steel base plates. Subject to application.
- Platform connections: 180 or 80mm extrusion Angle Brackets. Stainless steel. 3/16in (5mm) thick
- Platform horizontal support sections: 60mm aluminum extrusion with welded post base on each end for quick connection to 80mm extrusion or 180 platform side rails.
- Support post base brackets: Stainless Floor Brackets. Mount to vertical support post modules with 3/8in (9.5mm) stainless steel T-Bolts

Guardrail

- Top rail: 2in (51mm) round 6005-T5 aluminum top rail. Both sides of platforms. Tek screw to post
- Mid rail: 1-5/8in (41mm) 6005-T5 round aluminum mid rail. Both sides of platforms. Tek screw to posts
- Posts: side mount posts, aluminum rectangular hollow extrusion with welded mounting plates. Finished height to be 42in (1067mm)

Capacity

Unit shall support a 1000lbs (453.6kg) total load without failure

Degree of incline

Between 30 and 50 degrees. Standard is 40 degrees

Inspection and maintenance

Inspection required every 12 months or after any incident by a competent person in accordance with manufacturer's specifications

Compliance

Unit shall be designed and manufactured to meet or exceed OSHA 1910 and 1926 standards

Product warranty

5 years from date of purchase subject to correct configuration and installation. Use and maintenance to be in accordance with manufacturer's specifications and recommendations