

METAL PROFILED/ FLAT SHEET CLADDING/ COVERING

To be read in conjunction with Preliminaries/General conditions.

TYPE(S) OF SYSTEM/EQUIPMENT

Metal Roof Walkway

Ascent Aluminium Walkway System

Safety Fabrications have developed a range of anti-slip BS EN 516 compliant aluminium walkways to suit the majority of rooftop applications;

- Laid to roof slope
- Levelled to falls
- Stepped
- Facetted

The Ascent aluminium walkway is suitable for use on the majority of roof covering types including;

- Standing seam
- Composite panel
- Secret fix roofing
- Built-up on site metal roofing
- Single ply membrane

The Ascent aluminium walkway is tested in accordance with BS EN 516 Class C Type 1 is 600 wide with an anti-slip free draining walkway surface.

Handrail / guardrail for use with the Ascent walkway grillage system

Safety fabrications have developed an integral handrail system for use with the Ascent Aluminium walkway system. The integral handrail comprises aluminium top rail, mid rail and aluminium uprights. The handrail is tested to 0.36kN – General Duty and 0.74kN – Heavy Duty without the need for bracing allowing the walkway to be placed proximal to the area to be accessed.

Ascent Aluminium walkway to Composite panel / Built up on site trapezoidal Roof

The Ascent walkway has been specifically developed for use on metal profile roofs to create a level anti-slip walkway surface.

The Ascent walkway can be used across the crowns of the roof sheet at an angle of up to 3 degrees prior to levelling and up to 15 degrees when used parallel to the seams.

When used across (transverse) to the roof crowns on roof slopes greater than 3 degrees the Ascent walkway can be levelled using a levelling kit.

When used on a pitched roof parallel to the roof crowns and steps are required a step kit can be supplied.

Both the levelled and stepped walkway can be supplied complete with handrail to either one or both sides.

Walkway layout

The proposed walkway must be located to ensure that it is positioned at least 300mm away from any end laps (upslope & downslope) and at least 600mm from the edge of any rooflight.

Ascent Aluminium Walkway System

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Product reference; **Ascent aluminium walkway**

Components;

Walkway panel: Aluminium Grillage, open beam 34.10/25 walkway system – 2000 x 600 mill finish.

Levelling components; Ascent Aluminium levelling components

Framework : Aluminium Grillage, open beam 34.10/25 walkway – 2000 x 600 mill finish

Handrail; Aluminium top rail, mid rail, uprights, plastic end caps & top caps

Fixing; Affixed to crown of roof sheet via pre-drilled Ascent fixing bracket with Hi-bond butyl seal pad (to be affixed between roof sheet & bracket). Secured with stainless steel self-drilling screws.