

L35 Fixed utilitarian access systems

140 HIGH LEVEL WALKWAY SYSTEM

July 2019

Walk Angel Walkway Systems

The following information is designed to be used in the specification of the Walk Angel Walkway Systems within an architectural design.

Full technical and installation details are available at www.bettersafeinternational.com.

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General description

Product: Walk Angel Walkway Systems

Manufacturer: Bettersafe International BV

Netherlands: Azewijnseweg 12 SF: 4214 KC Vuren

UK: Riverside, Mountbatten Way, Congleton, CW12 1DY

Walk Angel Walkway Systems are suitable for installation and use on new and existing buildings with working platforms, roofs or technical terraces having slopes and no public access.

Comprising of recycled uPVC boards and I-Beams the Walk Angel can be fitted directly to the roofing system using tamper-proof tek screws or clamps. A weighted system is available for flat roofing areas, and the system can be supplied on a levelling system and with steps for inclined areas. No requirement for drilling, the system is mounted directly on the platform/roof.

All Walk Angel Walkway Systems are designed and tested to the requirements of EN 516

Components are designed for compatibility with most roofing systems;

- Standing Seam Roofing Systems
- Composite Roofing Systems
- Composite Panels
- Built Up Roofing Systems
- Secret Fix Roofing Systems
- Polymeric Single Ply Membrane Roofing Systems
- Bituminous Membrane Roofing Systems
- Concrete and Masonry Roofing Systems
- Wall Mounted to Steel Structure
- Wall Mounted to Concrete and Masonry

System Overview

Walk Angel is a modular recycled uPVC walkway system, tested in accordance with EN 516.

It is designed for use on roofing areas and raised platforms for access to areas of buildings and structures that are deemed unsafe to do so otherwise.

The Walk Angel System is not designed for use as an attachment point for fall protection PPE.

Installation types:

Freestanding

- For flat roofing of all types.
- Recycled uPVC materials ensure no reaction to membranes.

Top Fix

- For trapezoidal roofing systems
- Fixed using SFS IRIUS Tek Screws
- Available with a levelling system
- Available as Steps

Top Fix Clamp

- For standing seam roofing systems
- Fixed using 4 seam clamps
- Available with a levelling system
- Available as Steps

Detailed Product guidance

Walk Angel is a system manufactured from a range of components. The selection of components is determined by reviewing the layout and installation requirements dictated by the building design and roofing type.

WA-001 Weighted for Flat Roofing (every other panel and ends)

- Weighted System

WA-001A Un-Weighted for Flat Roofing (every other panel)

- Weighted System

WA-002 Metal Profile Short Boards, 90 to profile

- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-003 Metal Profile Short Boards, 90 to profile Levelled

- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-004 Metal Profile Long Boards, in line with profile

- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-005 Standing Seam Short Boards, 90 to profile

- Standing Seam Sheeting using S-5! Clamping Systems

WA-006 Standing Seam Short Boards, 90 to profile Levelled

- Standing Seam Sheeting using S-5! Clamping Systems

WA-007 Standing Seam Long Boards, in line with profile

- Standing Seam Sheeting using S-5! Clamping Systems

WA-008 Steps 15 - 25 deg pitch (profile)

- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-009Z Steps 15 - 25 deg pitch (Bulb Type standing seam)

- Standing Seam Sheeting using S-5! Clamping Systems

WA-009E Steps 15 - 25 deg pitch (Rolled Type standing seam)

- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-010 Steps >25 deg pitch (profile)

- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-011Z Steps >25 deg pitch (Bulb Type standing seam)

- Standing Seam Sheeting using S-5! Clamping Systems

WA-011E Steps >25 deg pitch (Rolled Type standing seam)

- Standing Seam Sheeting using S-5! Clamping Systems

WA-EXTRA SUPPORT 90

- Extra Over KS1000LP Supports 90 to profile (per 3m WA-002)
- Trapezoidal Sheeting using SFS IRIUS Tek Screws

WA-EXTRA SUPPORT L/B

- Extra Over KS1000LP Supports with profile (per 3m WA-004)
- Trapezoidal Sheeting using SFS IRIUS Tek Screws