Monkeytoe

WALKWAYS

Monkeytoe Skywalk Walkway
- Non-levelled (0-6deg.) with double handrail

PRODUCT DESCRIPTION

Lightweight FRP deck fixed to aluminium longitudinal support beams forming a modular walkway for levelled and/or non-levelled commercial & industrial applications between 0-6 degrees, with double handrails.

TYPICAL USES / APPLICATIONS

- Any roof top on commercial or industrial building/plant (Steel, membrane, concrete or timber roof)
- Infill modules for riser shafts
- Bridge walkways
- Spanning bund edges
- Access over skylights
- Access routes to industrial plants

CHARACTERISTICS / ADVANTAGES

- Walkway modules can span up to 2400mm between supports
- Mounting capability for any roofing profile
- No additional roofing penetrations for mounting
- All loading / weight is transferred to building structure or specific walkway support structure
- Natural wind & rain washing in outdoor situations
- Non-corrosive marine-grade aluminium
- Non-slip grip surface
- Engineered to 1.5kpa per metre
- Minimal contact points with supporting substrate
- System uses the unique Monkeytoe mounting clip when installed

TECHNICAL DATA / MATERIALS

- High tensile T6 marine grade aluminium
- Fixings: Stainless Steel 304 Grade
- Roof connections: High density UV resistant polyethylene / class 4 galvanised jacking stud
- Neoprene sealing washers

TESTS

APPROVALS / STANDARDS

- Accordance with AS/NZ 1657
- Designed to AS/NZS 1170
- In accordance with the building B1 structure durability codes
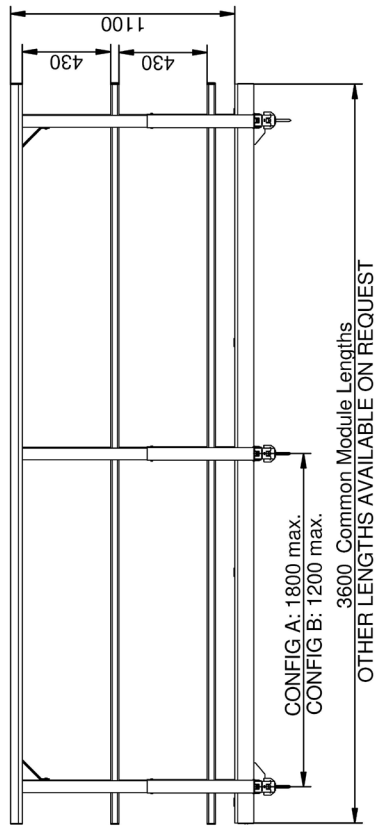
WARRANTY
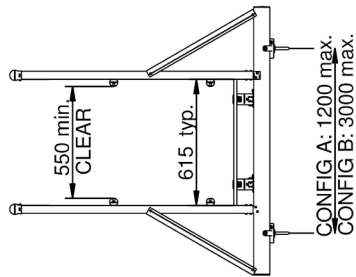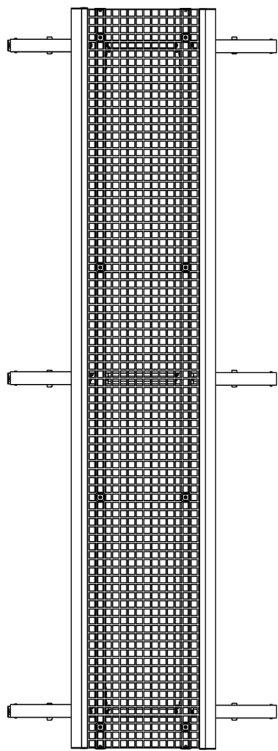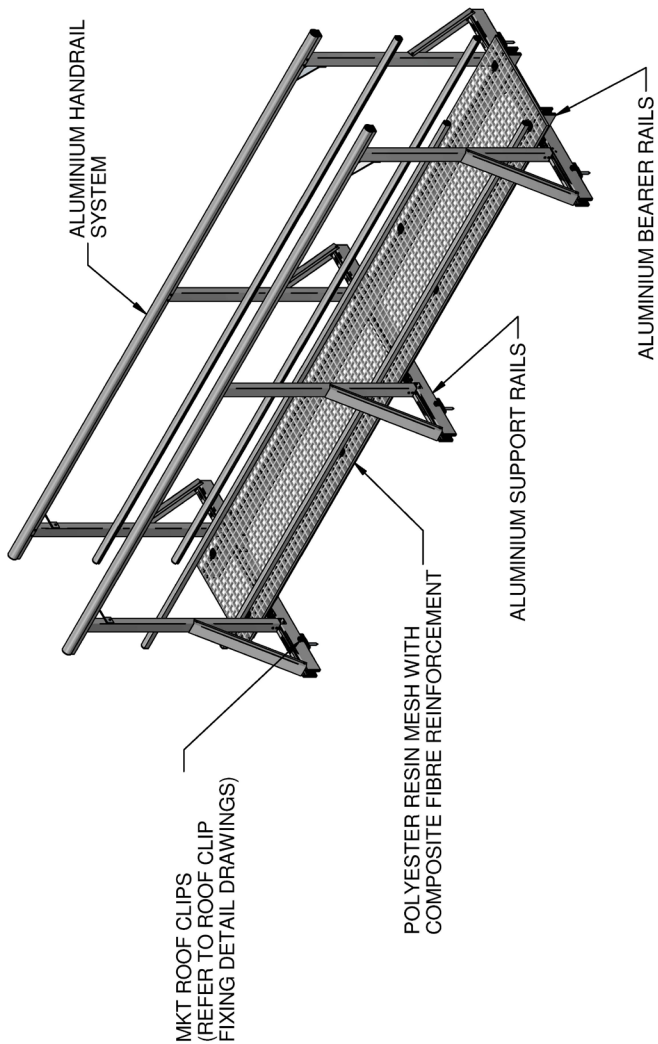
- 15 years materials and 2 years install
- Product Warranty is valid in accordance to the PS1 Engineering Standard that it has been designed to

INSTALLATION

- Installation works must be carried out only by Monkeytoe or instructed/approved contractors

MAINTENANCE

- Self cleaning when used in outdoor situations
- General cleaning recommended in conjunction with standard building / plant cleaning programme or policy
- Visual inspection for any damage or loose fittings is recommended annually
- No certified maintenance is required that effects lifespan or performance of product

ALUMINIUM HANDRAIL SYSTEM

ALUMINIUM BEARER RAILS

ALUMINIUM SUPPORT RAILS

MKT ROOF CLIPS
(REFER TO ROOF CLIP FIXING DETAIL DRAWINGS)

POLYESTER RESIN MESH WITH COMPOSITE FIBRE REINFORCEMENT

Title block:

SKYWALK - NON LEVELLED WITH DOUBLE HANDRAIL

MONKEYTOE

DWG No: 2004-SKY-NL-03

12/06/2018

A3

SHEET 1 OF 1

SCALE: 1:10

REV:01

DIMENSIONS IN MILLIMETERS

DO NOT SCALE

Monkeytoe

EVERYTHING BETTER

0800 658 637 - www.monkeytoe.co.nz

550 min. CLEAR

615 typ.

CONFIG A: 1200 max.
CONFIG B: 3000 max.

1100

430

430

CONFIG A: 1800 max.
CONFIG B: 1200 max.

3600 Common Module Lengths
OTHER LENGTHS AVAILABLE ON REQUEST

Design loads (red box):

DESIGN LOADS AT 3000mm PURLIN/SUPPORT SPACINGS

Live Load:
Uniformly distributed = 1.0 kPa
Concentrated action = 1.4 kN

DESIGN LOADS AT 1200mm PURLIN/SUPPORT SPACINGS

Live Load:
Uniformly Distributed = 2.5 kPa
Concentrated action = 1.4 kN

NOTES:

1. MAXIMUM ROOF PITCH WHERE NON LEVELLED WALKWAY IS RUNNING ACROSS THE ROOF = 7°

2. MAXIMUM ROOF PITCH WHERE NON LEVELLED WALKWAY IS RUNNING DOWN THE ROOF = 20°

3. DESIGNED IN ACCORDANCE WITH:
- AS/NZS 1170
- STRUCTURAL DESIGN ACTIONS, B1 & B2 DURABILITY CODES
- AS/NXS 1657:2013

For walkways between 10-20deg in the direction of travel, cleats must be provided. Cleats to comply with AS 1657.