

WALKWAYS

Monkeytoe Skywalk Walkway

- Non-levelled (0-6deg.) with single 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 single 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

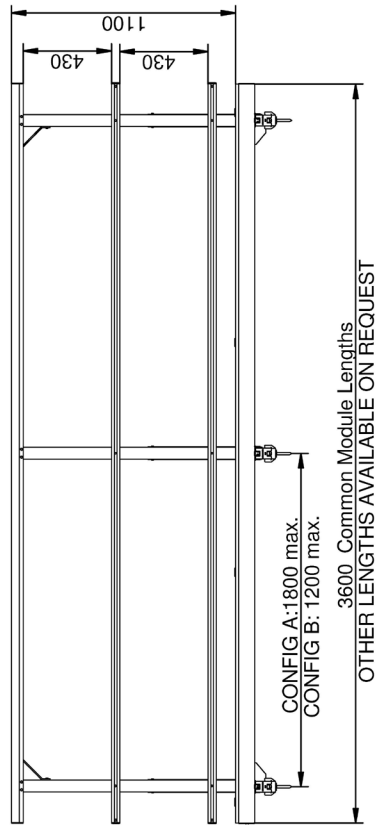
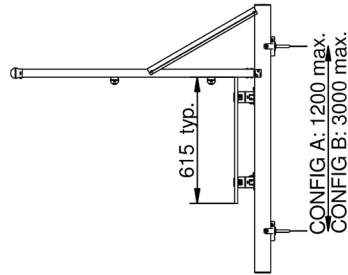
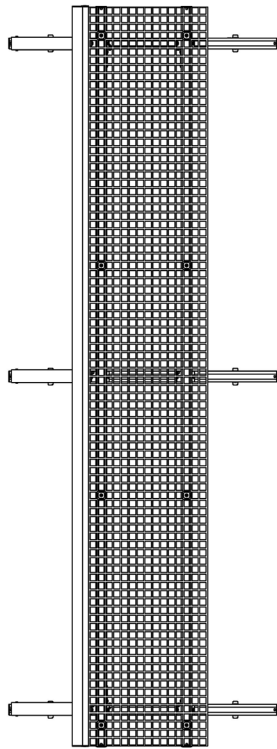
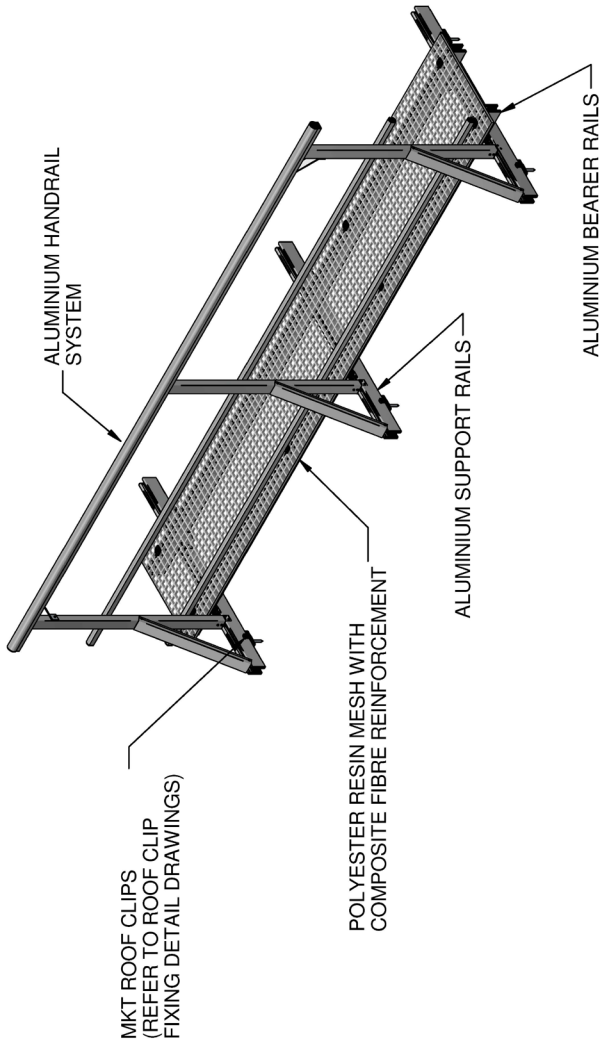
INSTALLATION

- 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

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/NZS 1657:2013

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



SKYWALK - NON LEVELLED WITH SINGLE HANDRAIL			
MONKEYTOE		12/06/2018	
DWG No:	2004-SKY-NL-02	SHEET 1 OF 1	A3
DO NOT SCALE		SCALE: 1:10	REV:01
		DIMENSIONS IN MILLIMETERS	