

WALKWAYS

Monkeytoe Smartwalk Walkway

- Levelled (7-50deg.) with single handrail



PRODUCT DESCRIPTION

High tensile aluminium construction incorporating the amplimesh deck which is welded into the edge bearer extrusions to form a modular walkway for commercial & industrial applications between 7-50 degrees with single handrail.

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 3000mm between supports
- Mounting capability for any roofing profile
- No additional roofing penetrations for mounting
- All loading/weight is transferred to building or support structure
- Natural wind & rain washing in outdoor situations
- Non-corrosive marine grade aluminium
- Non-slip grip surface
- Engineered to 2.5kPa per metre
- Minimal contact points with supporting substrate
- System uses the unique Monkeytoe mounting clip when installed on roof tops
- NOTE: when roof pitch is greater than 12deg. walkway must have handrail on down side.

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 code

WARRANTY

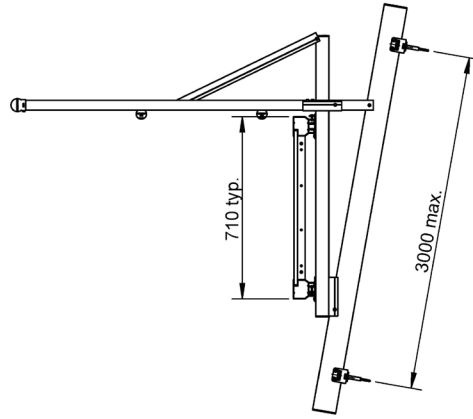
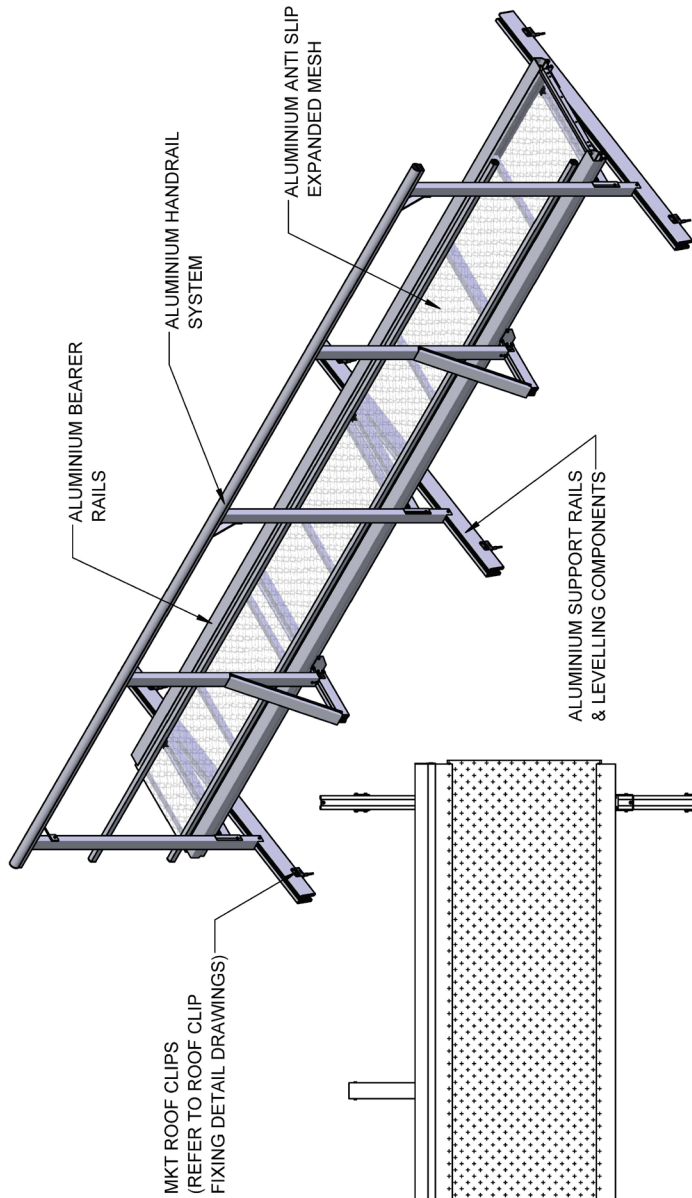
- 25 years materials and 2 years install
- Product Warranty is valid in accordance to the PS1 Engineering Standard that it has been designed to

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

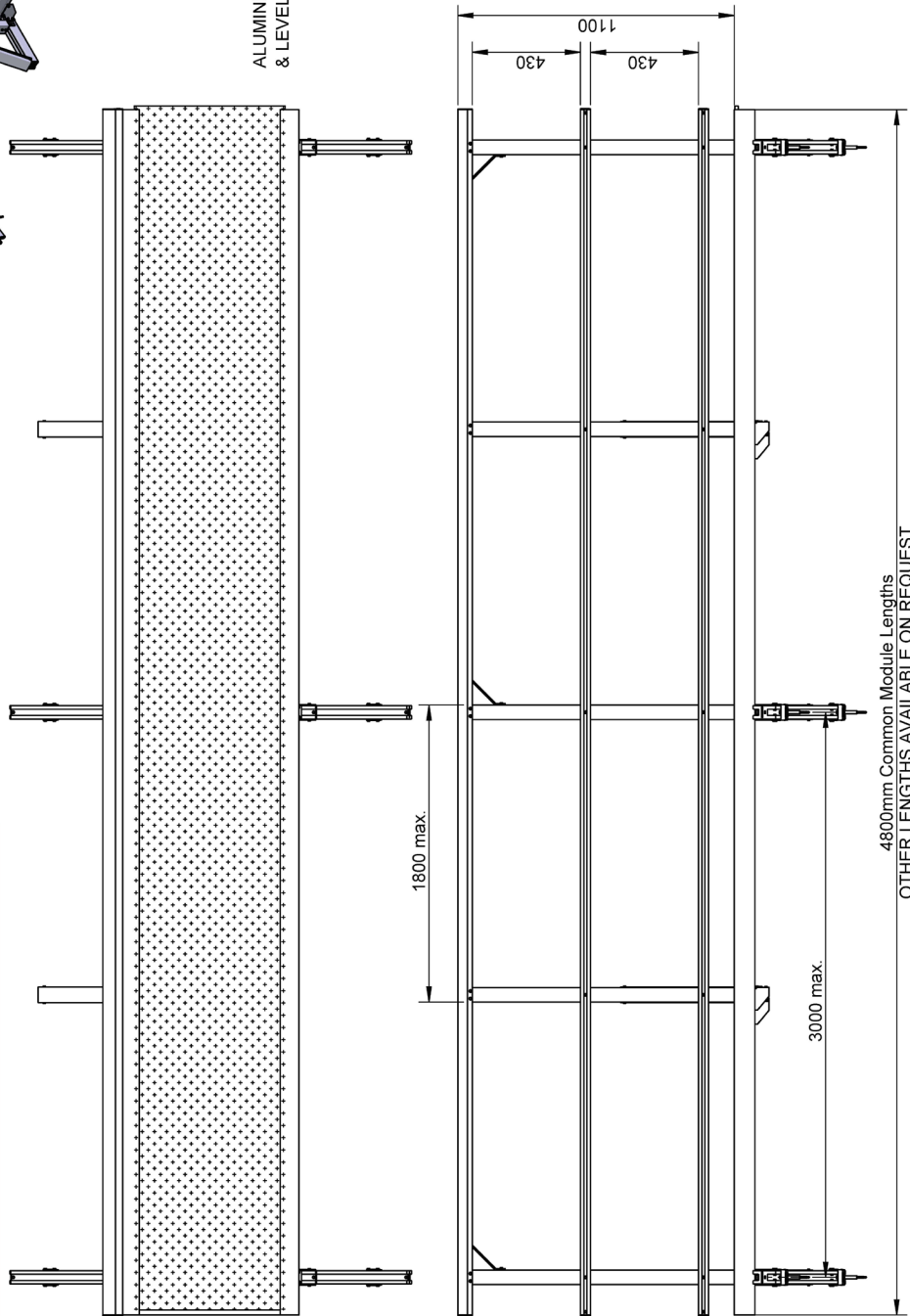


DESIGN LOADS AT 3000mm PURLIN/SUPPORT SPACINGS

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

DESIGN LOADS AT 1200mm PURLIN/SUPPORT SPACINGS

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




NOTES:

1. MAXIMUM ROOF PITCH WHERE NON LEVELLED WALKWAY IS RUNNING ACROSS THE ROOF = 35°
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.

Monkeytoe

EVERYTHING BETTER
0800 658 637 - www.monkeytoe.co.nz

SMARTWALK - LEVELLED - SINGLE SIDE HANDRAIL			
MONKEYTOE			
DWG No: 2004-MSW-LV-02		01/05/2018	
	SHEET 1 OF 1		A3
	SCALE 1:20		REV/01
DO NOT SCALE		DIMENSIONS IN MILLIMETERS	