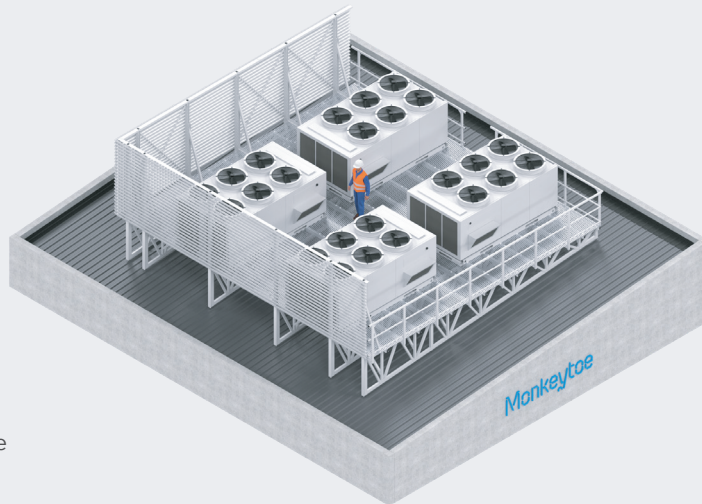


PLATFORMS

Monkeytoe Purlin-mount Plant Platform



PRODUCT DESCRIPTION

Monkeytoe mesh platform system ensures the simple effective installation and mounting of either a series of condenser units, large package units or any heavy duty equipment.

TYPICAL USES / APPLICATIONS

- Rooftop mounting for air conditioning units
- Hot water cylinder units
- Helicopter pads
- Industrial maintenance platforms
- Viewing decks
- Landings for roof area entry and exit
- Telecommunication service decks

CHARACTERISTICS / ADVANTAGES

- Lighter than steel structures

- Less impact than steel platforms on support structures
- Pre-engineered proprietary system
- Non-slip amplimesh surface
- Prefabricated modular componentry ensures fast onsite install
- No onsite welding / hot work requirements
- Support up to 5.0kPa
- Low maintenance and neat appearance
- Can be walked into position
- Modular design
- System uses the unique Monkeytoe mounting clips, non-penetrating tape down, or a combination of both where required

TECHNICAL DATA / MATERIALS

- High tensile structural T6 marine-grade aluminium
- Fixings: Stainless steel 304 grade
- Roof connections:
 - Roofing clip - High density polyethylene, UV resistant
 - Class 4 galvanised roofing jacking stud
 - Neoprene sealing washers
 - Tape down, non penetrating connection (In high wind zones or where screens more than 2m are required this may need to be accompanied by localized mechanical fixings.)

TESTS

APPROVALS / STANDARDS

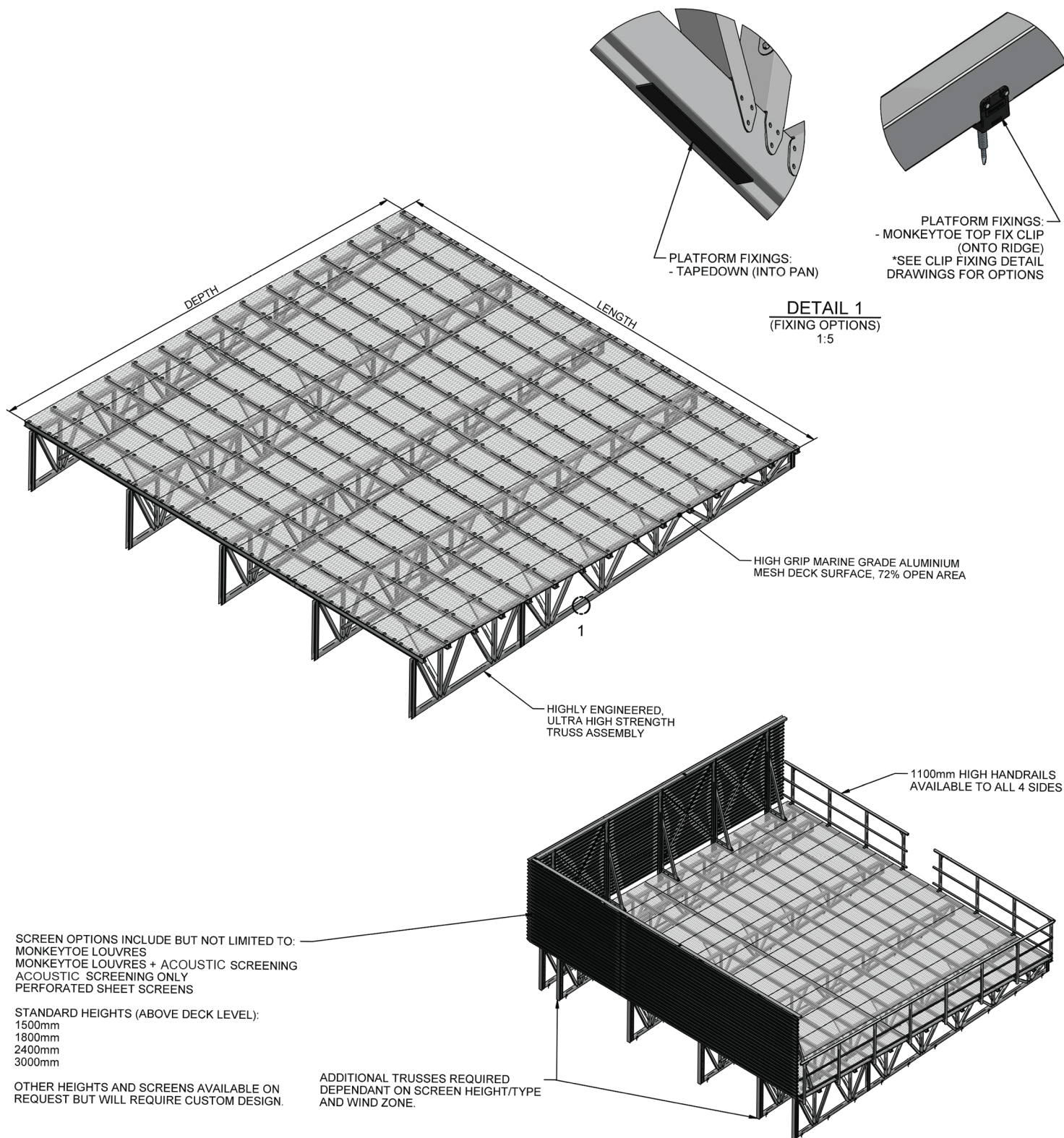
- Physical/practical load testing of roofing clips witnessed by independent engineers
- Physical in-situ acoustic testing conducted by Norman Disney & Young Consultants.
- Structural design certificate signed off by certified engineer
- AS 1657
- AS/NZS 1170.0 General Principles
- AS/NZS 1170.1 Permanent, Imposed and other actions
- AS/NZS 1170.2 Wind Actions
- AS/NZS 1170.4 Earthquake actions

WARRANTY

- 25 years materials and 2 years install

MAINTENANCE

- It is recommended that plant platforms are included in the standard 'building warrant of fitness' inspections.




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FOR CUSTOM DESIGN PLEASE SUPPLY THE FOLLOWING INFORMATION :

1. PLATFORM SURFACE DIMENSIONS
 2. PLATFORM LOADS : NO. OF SERVICE PERSONNEL AND EQUIPMENT WEIGHTS
 3. ROOF CLADDING, PITCH AND PURLIN SPACING
 4. GEOGRAPHIC LOCATION AND SOIL CLASS (AS/NZS1170)
 5. BUILDING IMPORTANCE LEVEL (AS/NZS1170)
- NOTE: MONKEYTOE IS NOT RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE BUILDING STRUCTURE TO SUPPORT THE PLATFORM-PLATFORMS CAN BE DESIGNED TO SPECIFIC LOADINGS AND SUPPORT CENTRES IF REQUIRED

Monkeytoe

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

AUSTRALIAN OPTIMISED PLATFORM SPECIFICATION		
MONKEYTOE		
DWG No: MP-AUOP-SPSH-01	1/04/2019	
	SHEET 1 OF 2	A3
DO NOT SCALE	SCALE: 1:50	REV:01
DIMENSIONS IN MILLIMETERS		

PLATFORM LOADS @ 1200mm PURLIN CENTERS					
MAX. TRUSS SPACING	MAX. IMPOSED LIVE LOAD	TRUSS MOUNTED SCREEN HEIGHT / WIND LOAD CAPACITY			
		1500mm	1800mm	2400mm	3000mm
2400mm	2.5kPa	4kPa	3kPa	1.75kPa	1.0kPa
2000mm	3.0kPa	4kPa	3.5kPa	2kPa	1.5kPa
1200mm	5.0kPa	4kPa	4kPa	3.45kPa	3kPa

PLATFORM LOADS @ 900mm PURLIN CENTERS					
MAX. TRUSS SPACING	MAX. IMPOSED LIVE LOAD	TRUSS MOUNTED SCREEN HEIGHT / WIND LOAD CAPACITY			
		1500mm	1800mm	2400mm	3000mm
2400mm	2.5kPa	4kPa	4kPa	2.5kPa	1.5kPa
2000mm	3.0kPa	4kPa	4kPa	3kPa	1.85kPa
1200mm	5.0kPa	4kPa	4kPa	4kPa	3kPa

DECK MOUNTED END SCREEN SUPPORTS WIND LOAD CAPACITY				
SCREEN SUPPORT SPACING	SCREEN HEIGHT / WIND LOAD CAPACITY			
	1500mm	1800mm	2400mm	3000mm
1800mm	4kPa	2.8kPa	1.6kPa	1.0kPa
1200mm	4kPa	4kPa	2.4kPa	1.5kPa
600mm	4kPa	4kPa	4kPa	3.1kPa

PLATFORM STANDARD SIZE OPTIONS		
ROOF PITCH	MAX. DEPTH	MAX. LENGTH
0°	14.4m	60m
1°	14.4m	60m
2°	14.4m	60m
3°	14.4m	60m
4°	13.2m	60m
5°	10.2m	60m
6°	9m	60m
7°	7.8m	60m
8°	6m	60m
9°	5.4m	60m
10°	5.4m	60m
11°	4.8m	60m
12°	4.2m	60m
13°	4.2m	60m
14°	4.2m	60m
15°	3.6m	60m
16°	3.6m	60m
17°	3.6m	60m
18°	3m	60m
19°	2.4m	60m
20°	2.4m	60m
OTHER SIZES AVAILABLE BY DESIGN ON REQUEST		

