

EasyMechMR

PRODUCT DESCRIPTION

Generations ahead of traditional platform structures, Con-form Group's modular, strong and lightweight platform design distributes loads evenly, reducing the structural requirements of any surface.

Con-form
GROUP

Making it *Easy*

SPECIFICATION WORDING

- ▶ System shall be Con-form Group EasyMech MR, proprietary item number EMMRS3 secured with either SMTDFX, SMKLFX or SMCGSDFX seismic clip fixings in compliance with AS1170.4.

APPLICATIONS

Perfect for a wide range of industrial applications:

- ▶ Large condensers.
- ▶ Packaged air-conditioning units.
- ▶ Other mechanical plant equipment.

FEATURES AND ADVANTAGES

- ▶ Provides clean lines and smooth profile finish.
- ▶ Unique design distributes your load evenly — reducing the structural requirements of the roof.
- ▶ Modular frames that simply plug together onsite with no cutting or welding.
- ▶ Allows for roof-top positioning flexibility.
- ▶ Reduce your duct work by placing air-conditioning units directly above internal units.
- ▶ Easy assembly reduces the need for additional structural requirements.
- ▶ System remains flexible during and after project design, allowing for changes late into the construction stage.

APPROVED FOR USE WITH ALL LEADING ROOFING BRANDS



TECHNICAL DATA

- ▶ Engineered to a live load rating of 2.5kPa, 5.0kPa and greater.
 - ▶ Lightweight at 14kg/m² - up to 20% lighter than traditional aluminium structures.
 - ▶ Built from next generation ZINCALUME® G550 steel with Activate™ technology.*
 - ▶ Corrosion & heat resistant and complete compatibility with roof sheeting.
 - ▶ Designed and tested in Australia for harsh Australian conditions.
- *Aluminium trusses available if required.

MAINTENANCE

- ▶ Visual inspection for any damage or loose fittings is recommended annually. Report any damage or loose fixings to asset manager or building owner for correction.
- ▶ No certified maintenance is required that effects lifespan or performance of product.

CERTIFICATIONS

- ▶ **Australian Standards:** AS/NZS1170.1, AS/NZS1170.2, AS/NZS 1170.4, AS1657 & Relevant Clauses of the Building Code of Australia.
- ▶ Live loads rated to 2.5kPa, 5kPa or greater.
- ▶ **Wind Loads:** Con-form products have been certified for wind regions A, B and C. 
V500 = 45m/s - Region A - Tc 2.5
V500 = 57m/s - Region B - Tc 2.5
V500 = 66m/s - Region C - Tc 2.5 **A B C**

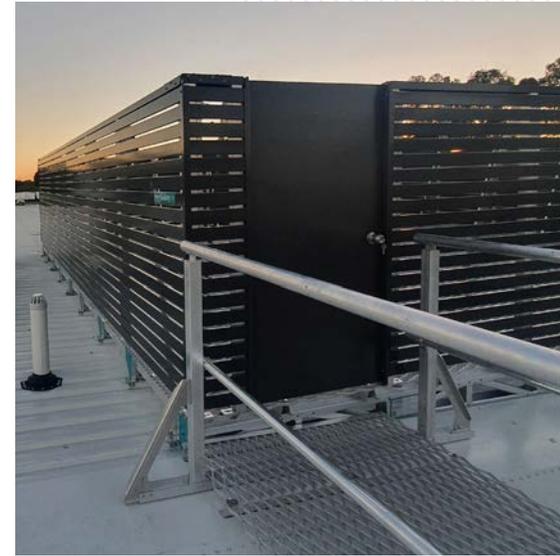
WARRANTY

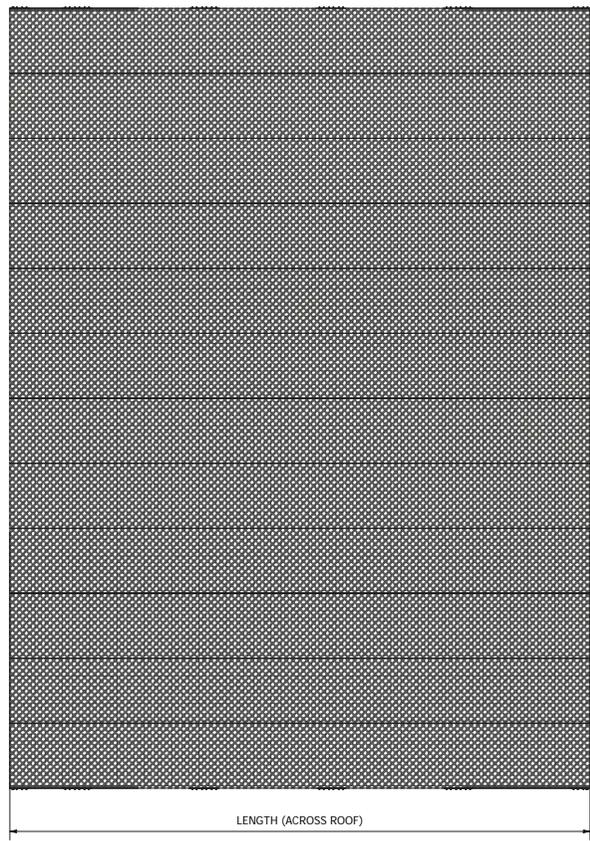
- ▶ All components backed by a 25 year warranty.



Pre-engineered by Con-form Group's proprietary software and in-house engineers.

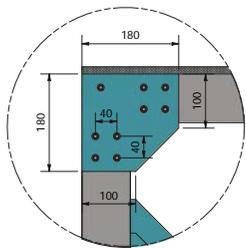
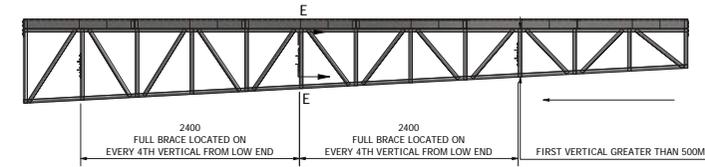
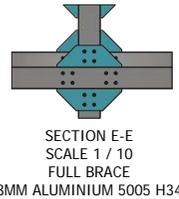
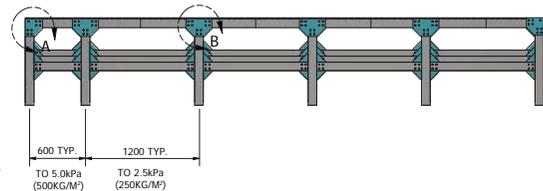
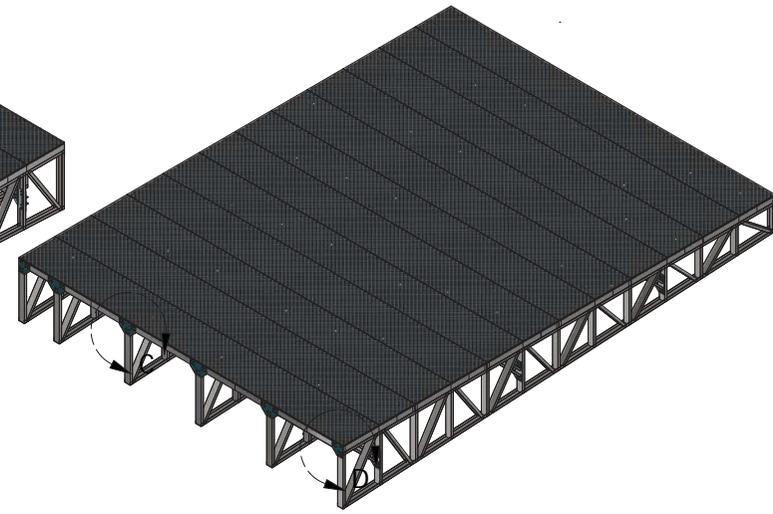
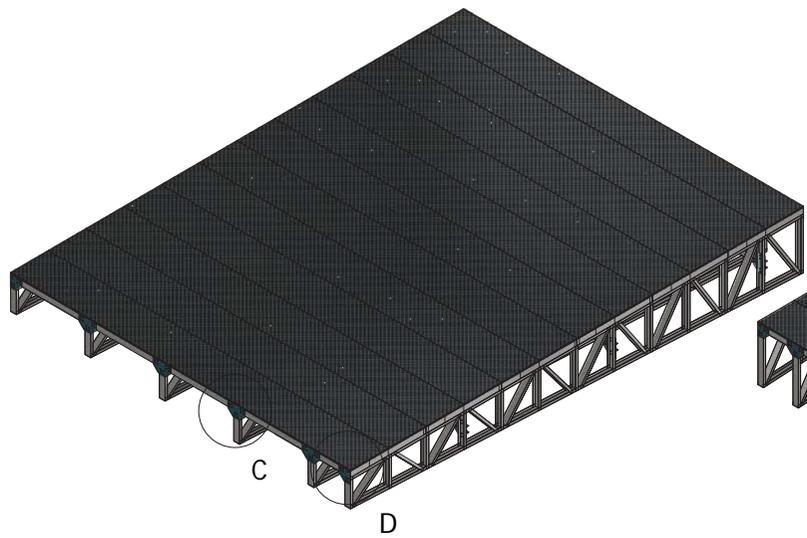




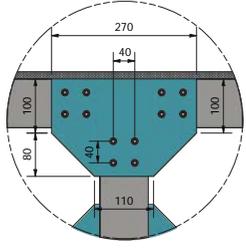


WIDTH (DOWN ROOF)

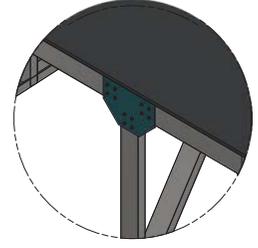
LENGTH (ACROSS ROOF)



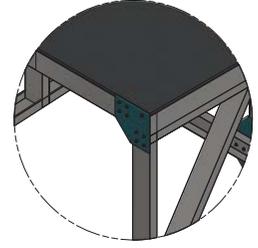
DETAIL A
SCALE 1:5
QUARTER BRACE
3MM ALUMINIUM 5005 H34



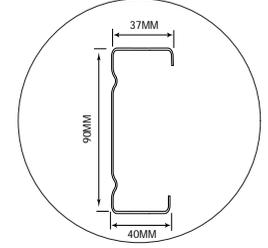
DETAIL B
SCALE 1:5
HALF BRACE
3MM ALUMINIUM 5005 H34



DETAIL C
SCALE 1 / 10
HALF BRACE LOCATED AT
FRONT AND BACK INTERMEDIATE TRUSSES



DETAIL D
SCALE 1 / 10
QUARTER BRACE AT
FRONT AND BACK CORNERS



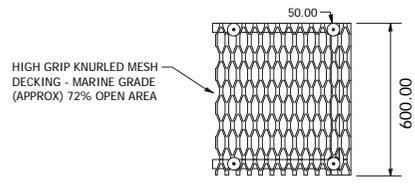
DETAIL E
ZINCALUME AM125
G550 PROFILE
90MM X 37MM X 0.75MBT

Product Options
Guard Rail
Louvre Screens
Acoustic Screens
Access Steps
Equipment Mounting Rails
Architectural Screens

Design Certification:
The following review has been carried out in accordance with the following SAI Codes of Practice:
NZBC F4/AS1 Compliance with Building Code Safety from Falling
AS 1657 Fixed Platforms, Walkways, Stairways and Ladders Code
AS/NZS 1170 Structural Design Actions Code (Parts 0, 1, 2 and 5)
Structure Importance level 2 (normal structure), in accordance with the BCA;
Super-imposed dead load to platforms = 0.20kPa

Typical Bearer Spacings	1200.00mm	600.00mm
Certified Live Loads	2.5kPa	5kPa

* Note: Bearer spacings can be tailored to project's specific requirements.



DETAIL A
KNURLED ALUMINIUM MESH

Comments
ALL DIMENSIONS ARE STATED IN MILLIMETERS
DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS

DESIGN LOADS LIVE LOAD RATED TO 2.5kPa

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Product: EasyMechMR
Drawing Title: Technical Data Sheet

ALL DIM. GIVEN IN MM
NOT TO SCALE

Sheet 1 OF 1