Dewsbury & Proud
www.cranehiremidlands.com
Contract Lifting & Crane Hire Specialists

Tel: +44 (0)1902 405553
Email: operations@cranehiremidlands.com

SCAN ME

ALIMATS, INTERLOCKING OUTRIGGER MATS

24 Individual Mats = 0.580m x 1.740m
Impressive 4m Coverage Area

Delivered By Transport And Individually Lifted by Two People In To Position

Features and Benefits

- **Certified** - Fully certified Aluminium system
- **Engineered** - Interlock enables bi-directional load spread
- **Strong** - Fully load tested up to 1850 tonnes/m²
- **Lightweight** – Mat modules weigh between 25kg and 48kg
- **Handleable** – All modules fitted with handles as standard
- **Adaptable** - Wide range of mat sizes available
- **Safe** - No short rigging or plant required to set up

Applications

- ✓ Crane Outriggers
- ✓ Concrete Pumps
- ✓ MEWPS
- ✓ Scissor Lifts

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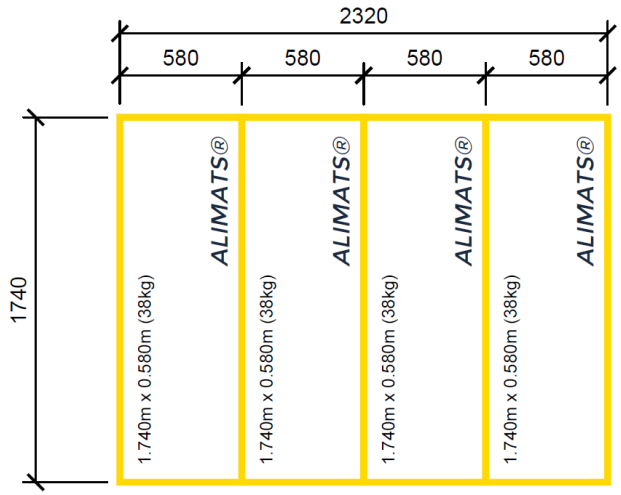
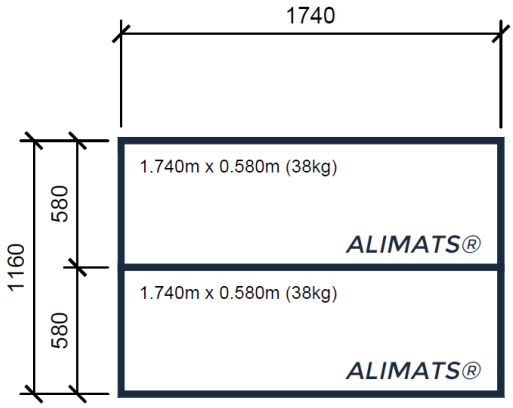
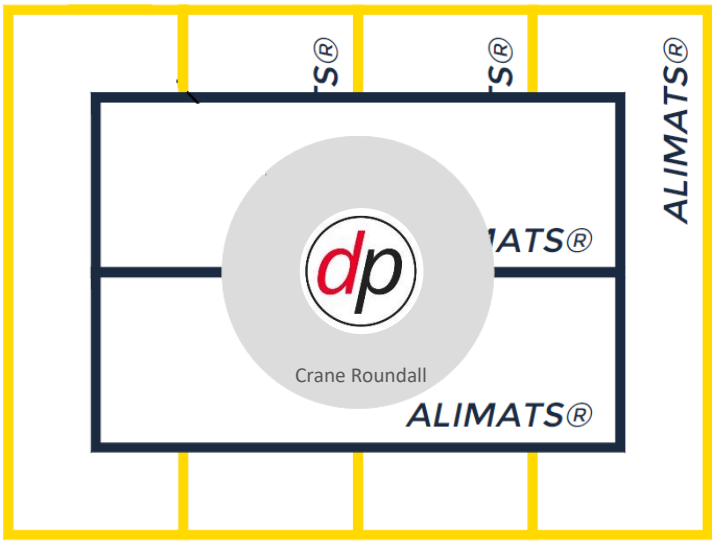
Configuration 1



Plan View - Base Layer



Plan View - Top Layer



1.740m x 2.320m Configuration
Safe Working Load = 97,000kg

Plan View - All Layers

ALIMATS® INTERLOCKING MODULE QUANTITIES:

Base Layer: 4 number 1740mm x 580mm x 60mm
Top Layer: 2 number 1740mm x 580mm x 60mm

Outrigger Pad: Supplied by others - Size shown indicative only

DESIGN NOTES:

The purpose of outrigger mats is to spread the outrigger load over the entire mat area. To achieve this the material must be suitably stiff and be able to deflect in order to increase the area the load is applied to the ground, thus reducing the applied pressure. This will be dependant on the supporting ground and must be considered / specified within the Temporary Works design. Where outrigger mats are used on hard surface it is recommended that a compressible layer (ie: Ethafoam) is placed below the mat surface to ensure the system functions as structurally intended.

All Temporary Works designs should be carried out by a competent Temporary Works Engineer, it is the Temporary Works Engineer's responsibility to ensure that the ALIMATS® system is suitable for their application.

IMPORTANT NOTICE - MODULE INTERLOCK:

ALIMATS® from extruded Aluminium and the system has a fully patented interlocking design which enables monolithic action and bi-directional load spread.
To ensure the system works as structurally intended the interlock must be engaged along the longitudinal joints.

INTERLOCK BEING ENGAGED DURING SITE SET-UP	Typical ALIMATS® Section Profiles; Interlock Image
INTERLOCKED	✓
NO INTERLOCK	✗

Guidance on site placement refer to document: **Risk Assessment / Site Placement Guidelines**

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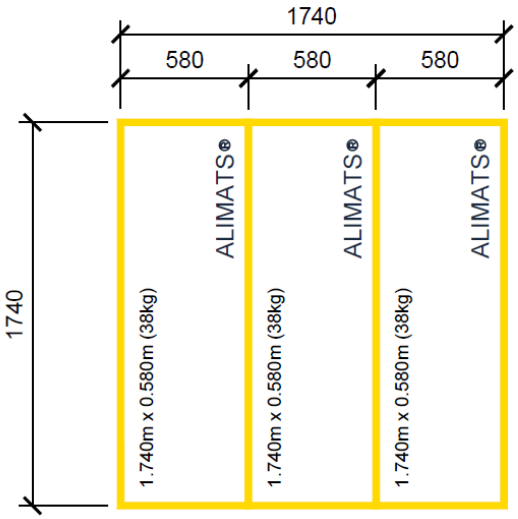
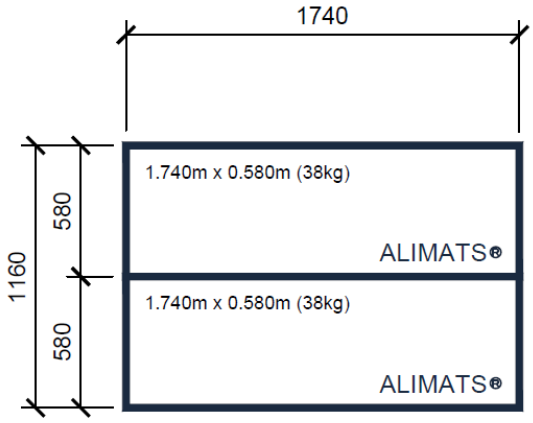
SCAN ME

ALIMATS, INTERLOCKING OUTRIGGER MATS

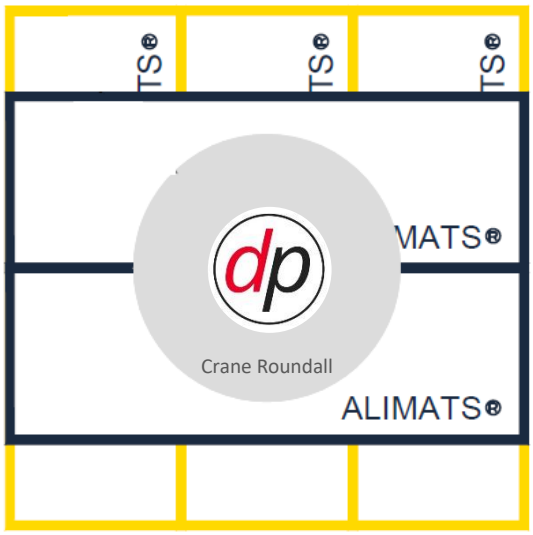
Configuration 2



Plan View - Base Layer



Plan View - Top Layer



1.740m x 1.740m Configuration
Safe Working Load = 107,000kg

Plan View - All Layers

ALIMATS® INTERLOCKING MODULE QUANTITIES:

Base Layer:	3 number 1740mm x 580mm x 60mm
Top Layer:	2 number 1740mm x 580mm x 60mm
Outrigger Pad:	Supplied by others - Size shown indicative only

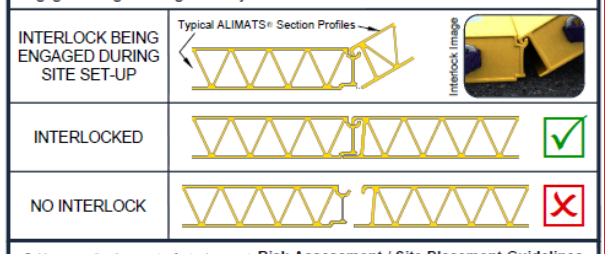
DESIGN NOTES:

The purpose of outrigger mats is to spread the outrigger load over the entire mat area. To achieve this the material must be suitably stiff and be able to deflect in order to increase the area the load is applied to the ground, thus reducing the applied pressure. This will be dependant on the supporting ground and must be considered / specified within the Temporary Works design. Where outrigger mats are used on hard surface it is recommended that a compressible layer (ie: Ethafoam) is placed below the mat surface to ensure the system functions as structurally intended.

All Temporary Works designs should be carried out by a competent Temporary Works Engineer, it is the Temporary Works Engineer's responsibility to ensure that the ALIMATS® system is suitable for their application.

IMPORTANT NOTICE - MODULE INTERLOCK:

Brilliant Ideas Ltd manufacture ALIMATS® from extruded Aluminium and the system has a fully patented interlocking design which enables monolithic action and bi-directional load spread.
To ensure the system works as structurally intended the interlock must be engaged along the longitudinal joints.



Guidance on site placement refer to document: **Risk Assessment / Site Placement Guidelines**