

**mtandt**

# PORTADECK<sup>®</sup>



## **TEMPORARY ACCESS AND GROUND PROTECTION MAT**

**FOR BUOYANT, TEMPORARY ACCESS ACROSS SOFT  
GROUND AND EXTREME WET & COLD WEATHER CONDITIONS.  
PORTADECK IS THE ULTIMATE HEAVY DUTY MAT FOR TEMPORARY  
ROAD & EQUIPMENT STAGING AREA**

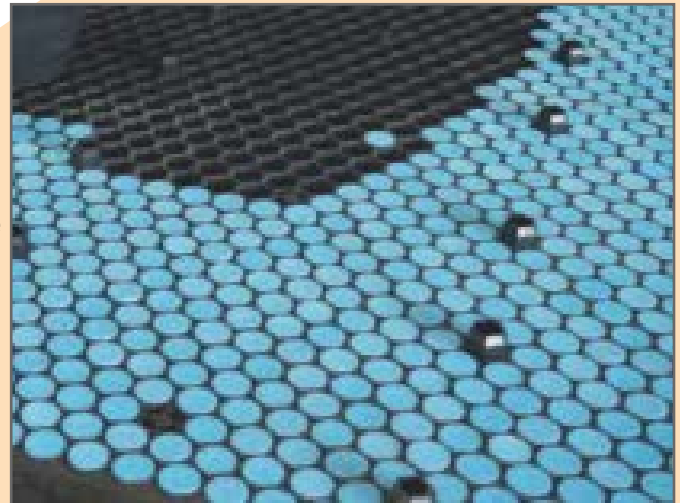
# PORTADECK®

Mtandt Group has been leading the field of delivering innovative solutions. Our latest introduction of PORTADECK range of temporary access and Ground stabilization mats, developed after years of experience in providing solutions for more extreme weather and ground conditions.



## KEY FEATURES

- Involves Patented Process Compression molded thermoplast
- Robust, durable high performance Mat
- Overlap lip feature helps interlocked Mats to make uniform platform or road to provide safety & efficiency
- Buoyant Mats for swampy areas
- Highly efficient weight dispersal on soft or boggy ground
- Non-Metallic interlocking protection on Mat
- Easy and durable connection system
- Long life



## UNIQUE PROPOSITION

- Compressive strength more than 425 tons/m<sup>2</sup> reaching max 730 ton/m<sup>2</sup>
- Unique both side traction surface, suitable for tyre & metal tracks
- Foam field core to prevent water incursion

## EASY TO INSTALL

- Easy to fix metal ramp available as an option for smooth movement of vehicles

## APPLICATIONS- MAJOR SECTORS



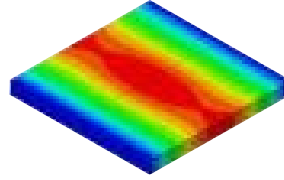
- Oil & Gas ● Exploration ● Construction Industry ● Petrochemical Industry
- Tower Installation ● Pipeline Laying ● Mining ● Commercial timber and woodlands operations
- Utilities ● Natural Disaster Management ● Events ● Many more...

## SAFETY AND EFFICIENCY

Engineered for performance and strength, the interlocked mats distribute weight across a large surface area, while remaining stable and strong throughout all weather conditions. The tread pattern improves safety and traction for load-bearing vehicles, while the interlocking system reduces the chance for drift and slippage. The mats provide years of reusable performance and an endless shelf-life with proper use and maintenance.

General Information	
<b>Dimension</b>	94 x 2000 x 4000 mm
<b>Weight</b>	360kg
<b>Color</b>	Beige (standard)
<b>Logistic</b>	Standard high cube container 50 pcs, truck standard 56 pcs
<b>Handling</b>	Designed for end users, 2-sided mat for different type of vehicles (Tyre or Metal track)
<b>Recycling</b>	100% recyclable
<b>Environmental</b>	No moisture absorption, allows decontamination - cleaning
<b>Safety</b>	Nub structure prevents slips, trips, falls
<b>Bearing capacity</b>	425 Ton/m <sup>2</sup> ( 605 psi )
<b>Fire rating</b>	UL 94HB

## PERFORMED TESTS ON GROUND MATS



### FEA Analyses

It shows that the product will Perform the way it has Been design.



### TESTS CONDUCTED -

**3 POINT LOAD TEST**  
Tested at an applied force of 27.93 kN And mid-span deflection of 133mm.

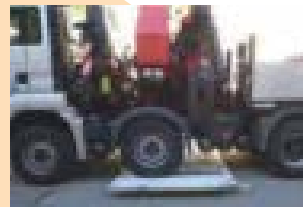


### COMPRESSION TEST



### CYCLING MAT TEST

No breakage up to total 1,00,000 Cycles.



### TEMPERATURE TEST

Tested at -40 to +65 C



### BENDING TEST

Bending Tests at Ambient Temperature



# About Us

Mtandt group was founded in 1974, with key activities to provide safe and economical solutions to the industrial, infrastructure and government segments. Since inception, Mtandt has been proactive in entering into partnerships with international market leaders, thus drawing technological expertise and introducing innovative products in Indian Market.

Composite Infra Division of Mtandt Limited specializes in providing high class engineered products ranging from Temporary Access to Permanent Civil Engineering Projects.

Our Composite Mat Department has a range of products like Temporary Access and Ground Stabilization over various ground conditions and for extreme climates. These products are designed for Heavy Duty and Light Duty Applications.



## Mtandt Limited

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