



ECOmats™

Make it happen.

24/7 Dispatch – 1.888.866.0047 tigerindustrialrentals.com

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**To make your project succeed,
build it on the best foundation.** 🏹🏹🏹

8' x 16' All Synthetic ECOmats



ECOmats™

Patent Pending

The much safer, much tougher ECOmat.™

ECOmats™ were designed to provide temporary stability and improvement of ground conditions for upstream, midstream, downstream and construction projects.

Built with a segmented non-hollow core. The synthetic ECOmat™ addresses structural needs and dramatically improves project foundations. Environmentally driven, it decreases chemical transference and improves safety.

Make it happen.

Tiger EComat™ Purpose



- **OVERALL SAFETY** - Put your projects in a safer position for employees & equipment
- **FIRE RETARDANT** - Prevents injury to crew and facilities
- **TRIP RESISTANCE** – Prevents tripping hazards that are prevalent with wood mats
- **BETTER PERFORMANCE** - More efficient
- **SUSTAINABLE** - Safer for environment - saves forests
- **COST EFFICIENT** - Freight savings



Make it happen.

History of the Market



Wood boards to
wood mats



Wood mats to
composite mats –
15 years ago – 1st
non-wood mat
was invented with
LIMITED USE.



Composite mats
to synthetic
ECOmats™



Make it happen.

Tiger ECOMats™ Overview



ECOMats™ provide temporary stability & improvement of ground conditions to meet governing regulations. ECOMats™ have a segmented [non-hollow core], synthetic mat that addresses structural needs. They dramatically extend life, decrease chemical transference, improve safety traction, and reduce the need to cut trees for temporary matting.

STANDARD SPECIFICATIONS:

8'x16' 3 Ply Mat with Steel Runners

128 sq. ft. of coverage per mat

[2] Recessed D-Rings

Weight: 3,000 LBS



Make it happen.

Key Benefits: Longevity



- **ECOmats™** are made with a polymer base - 50 Year UV Life
- Non-organic fillers
- Segmented design allows for individual board placement
- Bolted Construction - Bolts compress the layers together better than nails
- Boards are tightly packed together, preventing the tracks from getting in between boards
- UV inhibitors prevent damage from sun rays

Make it happen.

Key Benefits: Efficiency



TRANSPORTATION SAVINGS & PER MILE COVERAGE

ECOmats™

- **16 mats per load**
- 8' x 16'
- 128 Sq. Ft. ea. - **2,048 Sq. Ft. per load**
 - 660 mats per mile to cover
 - 42 Trucks

Wood Mats

- **14 crane/digging mats per load**
- 4' x 18'
- 72 sq. ft. ea. - **1,008 Sq. Ft. per load**
 - 1330 mats per mile to cover
 - 95 Trucks

Wood Mats

- **14 mats per load**
- 8' x 16'
- 128 sq. ft. ea. - **1,792 Sq. Ft. per load**
 - 660 mats per mile to cover
 - 48 Trucks



Additional Savings: When wood mats are wet & muddy, shipping them out requires additional trucking due to collecting weight.

Make it happen.

Key Benefits: Safety



- **No cable** loops or chain loops that cause tripping hazards
- **Recessed D-Rings** reduces tripping hazards
- Boards are tightly spaced, **reducing ankle rollovers**
- **All bolted**, no nails to work out and puncture shoes or tires
- Bolts are **counter-sunk**, preventing the tracks from engaging the bolt heads or nuts
- Static Inhibitors
- Fire spread rating

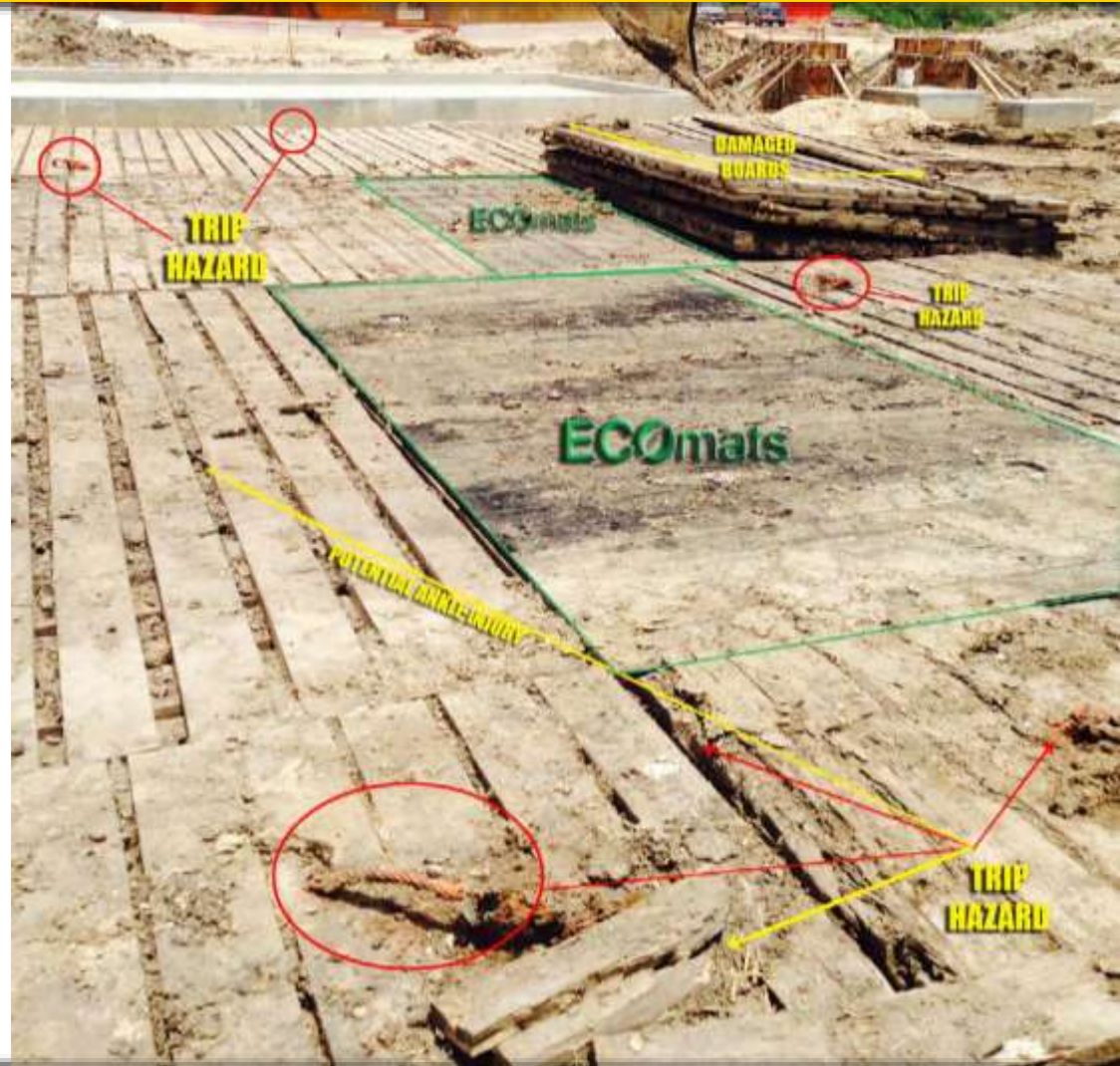


Key Benefits: Safety



One of the most common LTI's reported is from employees tripping over deteriorated wood mats.

Get the safer, more efficient ECOmats™ and improve safety reporting.



Make it happen.

Key Benefits: Safety



Meets ASME-B30 Lifting Standards



Recessed D-Ring

Make it happen.

Key Benefit: Safe to Weld On



Make it happen.

Key Benefits: Sustainable

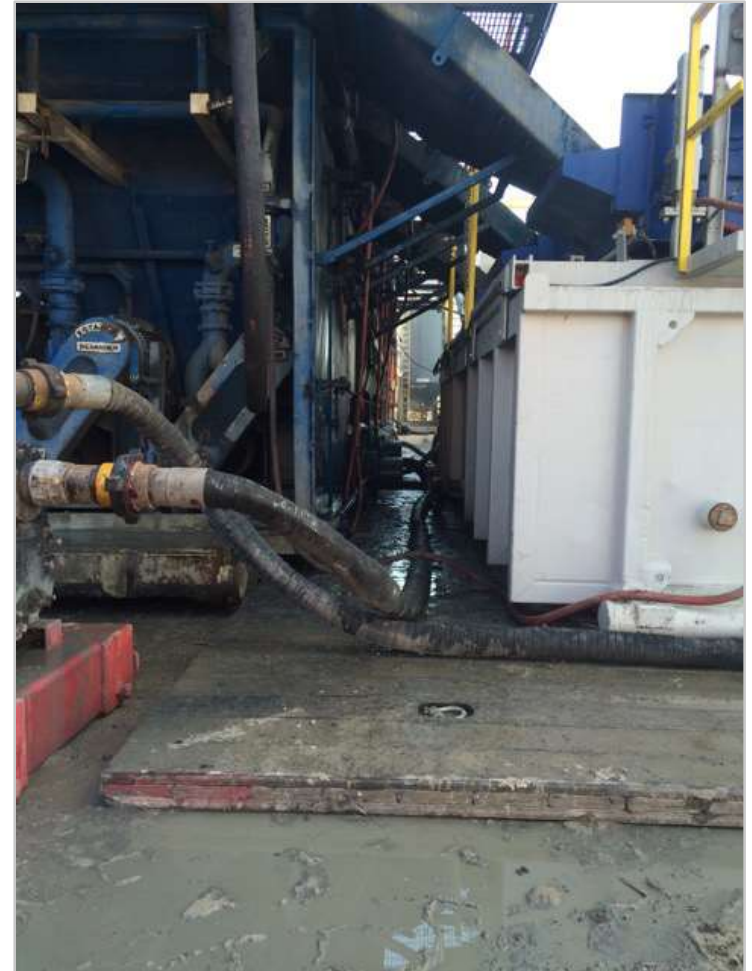


KEY BENEFITS: Environmental ECOmats:

- .05% Absorption - Extremely Minimal
- Primary Surface Contamination - Can be pressure washed to meet the wipe test
- Material is recyclable, reducing the chances of ending up in landfill

Wood Mats:

- Soaks up a tremendous amount of fluids
- Can soak up chemicals and transfer them from site-to-site
- Can end up in land fills, burn piles, stored on open ground near water resources, and can be burned in fireplaces.



Key Benefits: Multipurpose



ECOMat
used as a
helipad in
Mozambique



Make it happen.

Case Study



Make it happen.

Technical Data



Properties	Test Method Unit	Test Results*
Modulus of Elasticity 72° F	ASTM D6109 PSI	245,419
Modulus of Elasticity -20° F	ASTM D6109 PSI	584,868
Specific Gravity	ASTM D6111-97	1.13
Coefficient of Linear (Thermo Expansion & Contraction)	ASTM D6341	3.5x10-5
Water Absorption	ASTM D1037	0.05%
Flame Spread Index	ASTM E84	CLASS 2 (B)
Smoke Index	ASTM	750
Properties	Test Method Unit	Working Loads Limits*
Compression Strength 72° F	ASTM D6108 PSI	1,000
Compression Strength -30° F	ASTM D6108 PSI	1,333
Modulus of Rupture	ASTM D6109 PSI	1,109
Flexural Strength	ASTM D790 PSI	1,167
Falling Apart Impact Strength 72° F	ASTM D5420 LBS	175
Falling Apart Impact Strength -30° F	ASTM D5420 LBS	183
Nail Retention	ASTM D6117 LBS	175
Screw Retention	ASTM D6117 LBS	300
Tensile Strength	ASTM D638 PSI	700
Shear Test Strength	ASTM D6435 PSI	400

* Based on our proprietary formula.

Make it happen.

Key Markets



- Refineries
- Chemical Plants
- Oilfield Sites
- Pipeline Construction, Rework and Testing
- High Line Industry
- Temporary Matting Re-Renters
- Right-of-Way Construction
- Oilfield Services Companies
- Crane Companies
- Heavy and Light Construction Companies



Make it happen.

Final Notes



- Put your project in the safest position
- Put the workers in the safest position
- Keep the property owners in safest position
- Class II Flame Rated
- A safer more environmental friendly alternative to traditional matting

ECOmats™ last for years.

Galvanized D-Rings

Loads, offloads, lays, and moves easily with a fork truck or D-Ring for easy lifting.



**Meets ASME B30
Lifting Standards**

No Nails - All Bolted

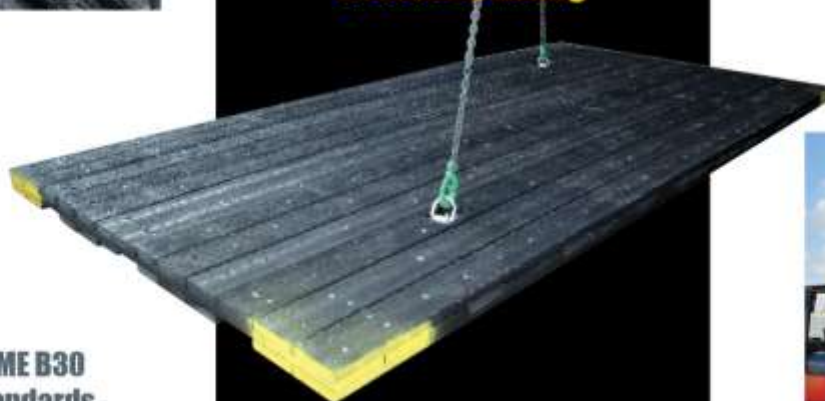
NO NAILS - bolted for extended strength and eliminates nails left after the job.



Proof Tested & Load Rated

ECOmats™ Lifters are load rated to 4,000 lbs in a pair.

**Approved for
Overhead Lifting**



Fire Proof for Greater Safety

ECOmats™ have a Flame Spread Index - ASTM E84 CLASS 2 (B)

Longer Lasting

Synthetic Material designed with UV Inhibitors.
Mats manufactured with up to 60% recycled material.

No Liquid Absorption

No Liquid Absorption: Passes the "WIPE" test.
When properly washed, the mats can safely leave the chemical plants - does NOT absorb liquids.

Does not have a hollow core and will not hold liquid like the hollow core composite mats.

patent pending

ECOmats™ lower your costs.

**Improved
Traction**



Improved traction over traditional mats when dry or wet.
Final manufacturing process "sears" a slip resistant pattern into the top of the plank.

Increased Freight Savings



Mats are lighter than wood - increased freight savings.
Weight of mat: 2950 LBS + or - 2%
Ships 16 mats per load.

Compact Design

Compact design - reduces mud and debris collection as opposed to wood mats that have gaps in the mat to air out, thus having space to collect mud increasing weight driving up freight out costs, as well as cleaning costs.



Certifications



1901 JOEL EAST ROAD
FT WORTH, TEXAS 76140
(817) 293-5860

CERTIFICATE OF ANALYSIS

14018970

CUSTOMER NO	RTP ORDER NUMBER	SHIP DATE
157499	A07323-001	10/27/14
CUSTOMER ITEM NUMBER		
418-3000		
10/26/14		

TO: MODERN AG PRODUCTS
3005A PASADENA FREEWAY

PASADENA TX 77503

THIS IS TO CERTIFY THAT THE PRODUCT LISTED
BELOW CONFORMS TO ALL BATCH ACCEPTANCE
REQUIREMENTS OF RTP COMPANY FORMULATION
AND QUALITY CONTROL.

LOT NUMBER	DESCRIPTION	CUSTOMER ORDER NUMBER
61409896T	RTP 799 X 125678 A NATURAL	50038180

PRODUCT IS HMWPS WITH 40% TALC PRK FORMULATION

Property	Value
-----	-----
Ash Content (%)	39.88
Melt Flow (gm/10 min)	16.89

Paul Mummeley
Paul Mummeley
Quality Manager



ECOMat Lifter

The First Mat Lifting
System to Meet
ASME B30 Lifting
Standards

Proof tested and
Load Rated

Approved For
Overhead Lifting

American Made

ECOMAT LIFTER THE FIRST MAT LIFTING SYSTEM APPROVED FOR OVHD LIFTING

This Lifting System has been engineered and manufactured according to AWS Weld Procedures, proven to exceed the required 5:1 design factor in destruction testing, and Load Rated in a pair for handling Modern Ag Product's innovative ECOMat. The first to stand up to the rigorous testing necessary to meet ASME B30 Overhead Lifting Requirements.

These ECOMat Lifters are load rated to 4,000lbs in a pair
ECOMat Lifters to be visually inspected for damage prior to each use

Make it happen.



Bring it on.
(Literally.)

Tiger Industrial Locations



Beaumont, TX
Midland, TX
Victoria, TX
Dilley, TX
La Porte, TX
Galveston, TX

Fourchon, LA
Broussard, LA
Sulphur, LA
Cameron, LA
Intracoastal City, LA

Venice, LA
Wooster, OH
Theodore, AL
Kill Deer, ND
Ardmore, OK

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