



NEWPARK
MATS & INTEGRATED SERVICES

National Training Institute 2019

*Training Partner
of the
Electrical Training Alliance*

"Protecting the Worker, his Community, and his Environment"

DURA-BASE® EPZ™ Grounding System

Introduction



Newpark Mats and Integrated Services is proud of the Electrical Training Alliance's decision to make the Newpark Mats and Integrated Services (NMIS) product lines their choice for electrical training. Safety is at the top of NMIS core values, which outwardly displays our belief that there is nothing more important than the safety of our workers. The Electrical Training Alliance's choice to train on NMIS products reflects that same commitment. Newpark is proud of the Partnership formed with the ETA and is dedicated to actively supporting their efforts in training the electrical workers of the future.



Training Partner of the
Electrical Training Alliance

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DURA-BASE Locking Mat System

Core Product



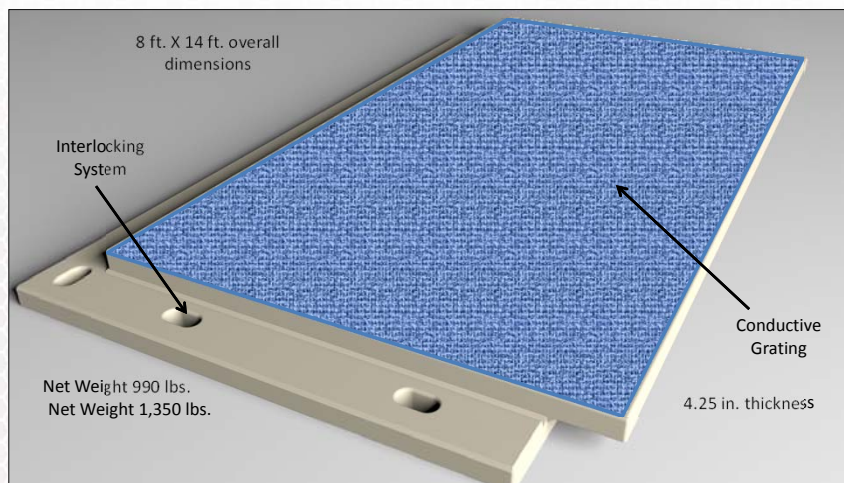
The DURA-BASE Locking Mat System

- ❖ Superior Soil Support Solution
 - Access Roads- Laydown Yards- Work Sites- Staging Areas
- ❖ Safe
 - No tripping hazards- No lifting eyes- No rotten or loose boards- No lifted edges or mat separation- No nails to offer puncture wounds
- ❖ Strong
 - 86,400 lbs. per square foot weight capacity
- ❖ Durable
 - +15 year expected life cycle
 - Unaffected by hot or cold/ wet or dry conditions
 - Applicable in upland or marsh soil conditions
- ❖ Lightweight
 - Up to 46 DURA-BASE per truck load
- ❖ High Density Polyethylene Compound
 - Non-absorbent
 - No transferring of chemicals, harmful debris, plant/animal species
 - Repairable with welding technology
 - 100 % Recyclable
- ❖ Interlocking Mat Design
 - Safer working area where soft and voided ground persist
 - No pitch points- No trip hazards- No lifted edges

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DURA-BASE Locking Mat System



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DURA-BASE® EPZ™ Grounding System

Gen4 EPZ at Work



- ❖ The EPZ Grounding Mat System is effective in providing a secondary path to ground.
- ❖ By bonding all conductive components to a communal earthen ground, a predominant circuit is created.
- ❖ Voltage is then gained from the predominant circuit and transferred to the EPZ Grounding System grid grating, equalizing the electrical potential among all conductive equipment atop the EPZ Grounding System.
- ❖ With the worker and all conductive equipment being placed on an equal electrical potential, the worker is safe to move about the grid of EPZ Grounding Mats without fear of electrocution.

The DURA-BASE Locking Mat System, being the primary component of the EPZ Grounding System, gifts forward all its value added attributes while providing equipotential protection.

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Newpark Mats and Integrated Services

The Year in Review

"Protecting the Worker, his Community, and his Environment"



NEWPARK Mats
and the



NEWPARK Mats
and the



NEWPARK Mats
and the

**Transmission &
Distribution
Industry**

**New
Products!**

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Newpark Mats and Integrated Services
At Work with the *Electrical Training Alliance*



*Newpark Mats and Integrated Services
At Work With the ETA.*

*“Protecting the Worker, his Community, and his
Environment”*



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EPZ Mat Demonstration July 2018
Convocation Center, Ann Arbor, MI



EPZ Mat Demonstration at the National Training Institute 2018



Conversations with the Attendees
discussing the EPZ Grounding System.

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EPZ Mat Donation September 2018

Quanta Lazy Q Ranch, La Grange, TX



EPZ Grounding System Donation to the Electrical Training Alliance

- ❖ Virgil Melton wanting to extend EPZ training to the Lazy Q Ranch.
- ❖ Met with John Colson and set the ground work.
- ❖ EPZ Mats were donated for ETA Training Sessions.
- ❖ Actively utilizing the EPZ Mats within 3 months.



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EPZ Mat Donation October 2018

Trenton, New Jersey



Supporting the ETA with EPZ Grounding System Donation

- ❖ Local 269 AJTC Training Center- Jim Stover Training Director
- ❖ Conducted a training session on equipotential protection fundamentals and assembly.



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Informational Meeting October 2018

Trenton, New Jersey



Wayne DeAngelo- New Jersey State Assemblyman

- ❖ President, IBEW Local 269
- ❖ Chairman of the Telecommunications and Utilities Committee
- ❖ Information Sharing of Newpark Mats and Integrated Services
 - NMIS involvement with the ETA
 - Product information pertinent to Governmental decisions
- ❖ Meeting made possible by **Jim Stover**- Local 269 AJTC Training Director



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Newpark Mats and Integrated Services

At Work with the IBEW



Newpark and Integrated Services

At Work With the IBEW.

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EPZ Use in Laboratory Testing

Test Laboratory, Philadelphia, PA



❖ IBEW Workers Installing Equipment for Electrical Testing



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DURA-BASE and EPZ Grounding System

Use in Temporary Substation in Uvalde, TX



❖ IBEW Workers Constructing a Temporary Substation



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DURA-BASE and EPZ Grounding System Use in Temporary Substation in Uvalde, TX



❖ IBEW Workers Completing a Temporary Substation



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Newpark Mats and Integrated Services At Work with *Industry Associations*



*Newpark Mats and Integrated Services
Keeping Pace With the Industry.
“Protecting the Worker, his Community, and his
Environment”*



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ASTM Adoption 2-21-19

ASTM Standard Revision Completion



ASTM INTERNATIONAL

- ❖ Began the **Standard F2715** revision in August of 2017.
- ❖ Completed the **Standard F2715-19** revision in January of 2019.

Assuring the customer the
EPZ Grounding System
will provide equipotential protection to
the Electrical Worker.

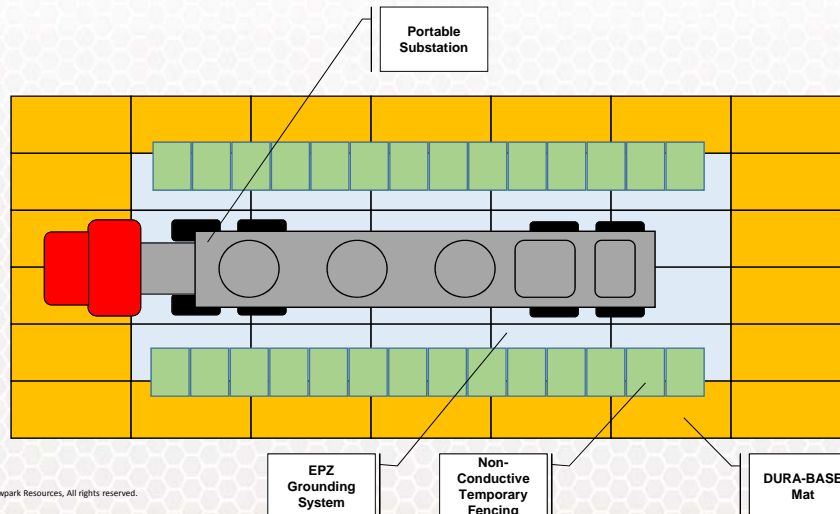
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EPZ Setup with Non-conductive Temporary Fencing

At Work with New Product Development



Aerial View

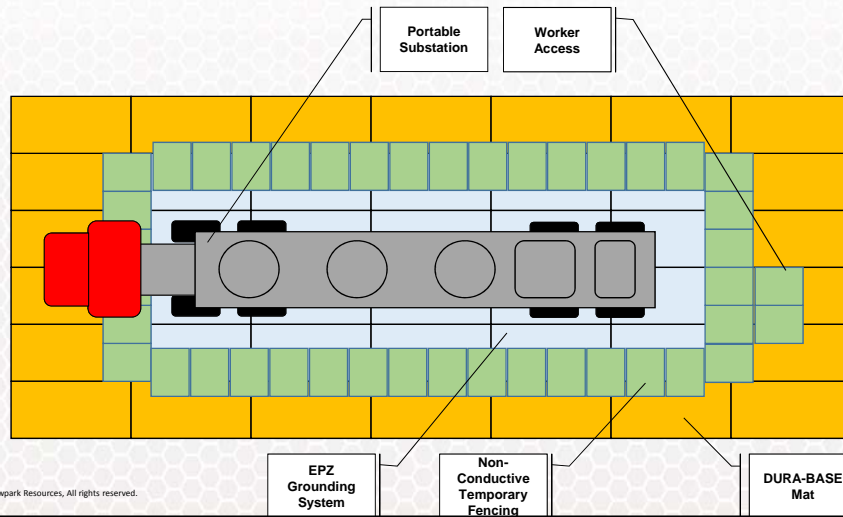


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EPZ Setup with Non-conductive Temporary Fencing Trailer Mounted Temporary Substation



Aerial View



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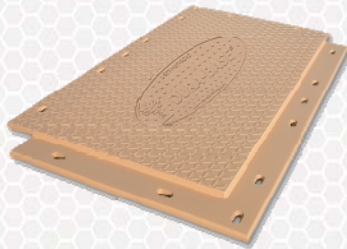
DURA-BASE and EPZ Mats *Compare them to Wood!*



Compare Them to Wood!

DURA-BASE

EPZ Grounding System



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DURA-BASE and EPZ vs. Wood Mats

"Protecting the Worker, his Community, and his Environment"

NEWPARK
BASE & INTEGRATED SERVICES

"Protecting the Worker, his Community, and his Environment"

- No trip hazards to cause lost time accidents
- Amplified conductivity of the work surface
- Abridged arcing throughout the work
- Elimination of Mat separation
- Abridged pinch points between
- Connection terminals via
- Predictability in engineering
- Light weight construction reduces number of delivery trucks on the public highways
- 100% recyclable
- Non-hazardous chemical spills
- No hazardous debris
- No hazardous chemicals to the next job site
- No undesirable plant and animal species
- No contamination of private or public land with residual splinters or nails
- No material in public landfills
- No harvesting needed for construction materials
- Eliminates residual footprint after construction projects
- Adapts to the existing contour of the land

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DURA-BASE® EPZ Grounding System™



***Thanks.....We appreciate the
Electrical Training Alliance?***

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