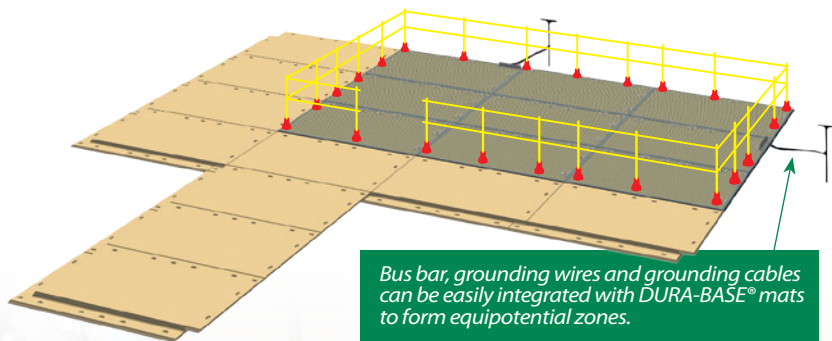


DURA-BASE[®] EPZ Grounding System[™]

A Fully Engineered
Solution for Creating
Equipotential Zones...
from the company with
more than five decades of
matting experience.

This patented innovation provides an **equipotential zone (EPZ)** with a strong work platform during potentially hazardous electrical activities, including pulling wire from spools, stringing of lines and creating mobile platforms for temporary substations for repair, allowing **increased protection** for workers. The **adaptable system** is designed to operate effectively in all weather conditions. It has passed temperature testing from -40°F to 130°F. The DURA-BASE EPZ

Grounding System saves time and money through the ease of deployment, which enables the **rapid movement** (leap-frogging) of work pads from structure to structure, unlike the standard lengthy assembly process of competitive EPZ enabling grids. The system employs the innovative DURA-BASE Locking Pin to rapidly expand the equipotential zone, resulting in a more **cost-effective installation**.



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Features and benefits of DURA-BASE® EPZ Grounding System™

Third Party ASTM Tested

The DURA-BASE® EPZ Grounding System has been ASTM tested by accredited third party laboratories in accordance with the electrical requirements portion of ASTM F2715, as well as a series of short circuit testing patterned after ASTM F855.

Third Party Laboratory Testing Results

TEST PROCEDURE	TEST STANDARDS	DURA-BASE EPZ GROUNDING MAT	ALTERNATIVE HOG WIRE PANEL (COVERED WOOD MAT)
		TEST RESULTS	TEST RESULTS
ASTM F855 As Relevant to Fault Ground	Voltage: 8.0kV Current: Grade2	Passed *Tested up to 73.1kA for a duration of 274.9ms (No Movement)	Failed *Destroyed at 64.9kA for a duration of 273ms
ASTM F855 As Relevant to Thermography (Resiliency)	Current: 250A Duration: 4 hours	Passed *No arcing/stray current patterns were recorded during the test procedure	N/A
ASTM 2715 As Relevant to Step/Touch Potential	Resistivity Assessment	Passed *Testing delivered consistent continuity throughout the mat (no cold spots)	N/A

DURA-BASE® EPZ Grating

All DURA-BASE EPZ Mats arrive on site with the EPZ grating already attached to the DURA-BASE Advanced Composite Mats. The grating can be easily detached for quick and complete cleaning and then re-attached in the field, without the need for cutting or welding any components. The entire EPZ grating is hot dipped galvanized, providing a corrosion resistant surface and enhancing electrical continuity, thus reducing equipotential dead zones.



Bus Bar

The system contains custom-designed bus bars that can be attached anywhere on the mat grating, allowing easy connection for grounding wires, bolts and cables.

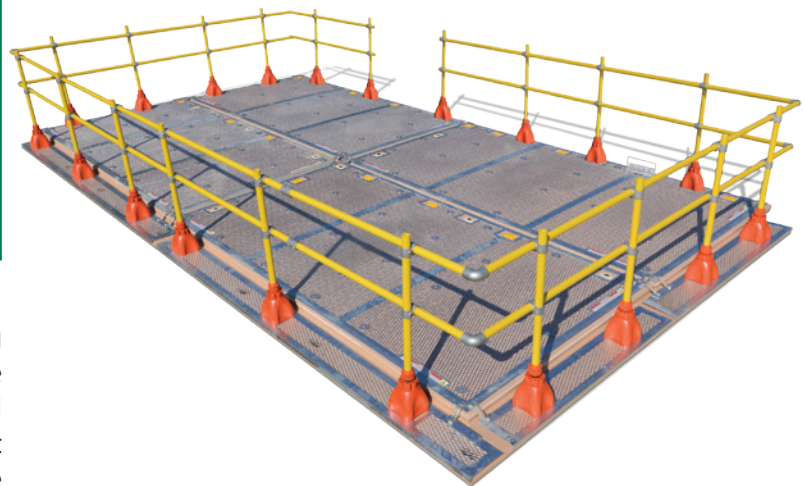


Connector Straps

The bolted connector straps create electrical continuity from mat to mat.

DURA-BASE® Safety Barrier Fencing System

This is attached to the EPZ Grounding System through the perimeter pin holes and helps prevent workers from unintentionally entering or exiting the equipotential zone. The Safety Barrier System meets all OSHA lean load requirements for both steel and fiberglass rails and posts.



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