



INDUCTION WELDING PLATES

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PRODUCT DESCRIPTION

The Induction Weld Plates are designed to attach insulation or coverboards to the deck while providing a non-penetrating mechanical attachment of TPO or PVC single-ply membranes utilizing an induction welded bond to the Induction Weld Plate. Induction Weld Plates are approximately 3-3/8" in diameter. Plates are approved for use with steel, wood or structural concrete roof decks. The Induction Weld Plates can be installed using #15 EHD, Tru-Spike Fasteners, and PFC Purlin Drill Point Fasteners.



Product and Packaging Information			
Plate Type	Color	Weight /Box	Packaging (Fasteners/Box)
TPO Induction Welding Plate	Orange/Grey	40.6 lbs.	500/Bucket
PVC Induction Welding Plate	White/Blue	39.3 lbs.	500/Bucket

Note: Induction Welding Plate type (TPO or PVC) must match membrane type.

BENEFITS & SUPPLEMENTAL STATEMENTS

- Plates are stacked in a weather resistant pail for ease of storage, shipping, and handling
- Reduces the number of fasteners and plates compared to conventional mechanically attached applications
- Larger sheets (up to 12') can be used which reduces field seams
- Faster dry-in time
- Non-penetrating system
- Even load-distribution across membrane reducing sheet flutter
- Engineered to be compatible with most common induction welding equipment




LEED® INFORMATION

Material	22 ga AZ-50 Galvalume® Steel
LEED® Eligible Recycled Content	49%

INSTALLATION INSTRUCTIONS

- No pre-drilling is necessary for wood and steel decks.
- Simply insert the appropriate fastener through the TPO or PVC Induction Weld Plate and install with a standard clutch drive electric screw gun (0-2500 rpm).
- Optimum fastener performance is achieved when the fastener is installed perpendicular to the deck and into the top flutes of a steel deck. Follow the Mule-Hide Induction Welding System installation instructions to attach the membrane to the installed plate using a portable induction welding tool.

Keep insulation substrate and membrane clean. Any debris on the top of the insulation substrate and/or the membrane should be removed prior to initiating the induction welding process. Use a leaf blower or broom to eliminate any debris from the membrane surface.

		
<p>Properly installed plate and fastener</p>	<p>Correctly installed plate and fastener (straight edge for reference only)</p>	<p>Incorrectly installed Plate (fastener overdriven distorting the plate downward)</p>

Review Mule-Hide specifications and details for complete installation information.

PRECAUTIONS

- Eye protection is recommended during installation
- Use care to avoid over-torquing the fastener
- Do not expose plates to UV for extended periods

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

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