



INDUCTION WELDING PLATES

Revision Date: May-2020

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

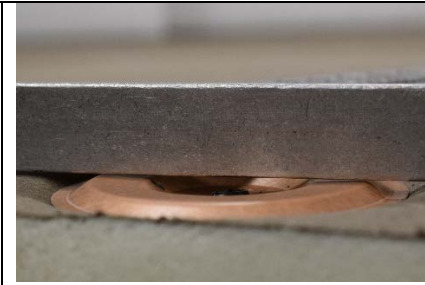
LEED® INFORMATION

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.

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

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.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate at the time of printing. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the alleged failure before repairs are made.