

SENTINEL® PVC IW PLATES

Stress plates for Induction Welding Attachment

DESCRIPTION

SENTINEL® PVC IW Plates are designed to attach insulation or coverboards to the deck while providing a non-penetrating mechanical attachment of SENTINEL® PVC membranes. Plates features a wide, flat welding surface for optimal membrane adhesion and are approved for use with steel, wood or structural concrete roof decks.

INSTALLATION

SENTINEL® PVC IW plates are compatible with polyisocyanurate, mineral wool and hard cover boards. Induction weld systems can be used with EPS and XPS insulation, as long as an adequate barrier is used between the plate and insulation. The barrier offers protection to the EPS/XPS from the induction welder, even in the absence of a cover board, without compromising the thermal bond with the membrane. It also reduces the risk of recessed areas that can result in ponding water.

Attention: SENTINEL® PVC IW Plates must be protected from prolonged UV sun exposure and surface contaminants. Keep buckets covered when not retrieving plates. All installed plates must be covered with membrane by the end of each workday.

PULLOUT TESTING

The strength of different roof decks can vary widely and can be adversely affected by moisture and other conditions. Therefore, it is recommended that a fastener pull test be conducted to help evaluate deck condition and fastener suitability. Contact Performance Roof Systems Technical Services to schedule testing.

APPROVED ACCESSORIES

- #14HD Fastener
- #15EHD Fastener
- #12 Purlin Fastener
- Fluted Concrete Nail



TYPICAL PROPERTIES*

PROPERTY	VALUE
Material	22 Gauge Steel
Coating	Galvalume AZ-50
Back of Plate	Proprietary PVC Adhesive
Diameter	3 3/8 inch
Recycled content	49%

* All values shown are nominal and subject to manufacturing tolerances.

PACKAGING

PROPERTY	VALUE
Part #	MPW-PVC-3375
Package Quantity	500/Bucket
Package Weight	39.3 lb
Pallet Quantity	20,000