



Induction Weld Plates

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

Canweld Plates are approximately 3-1/8" (80 mm) diameter. Plates can be used with steel, wood or structural concrete roof decks.

The Induction Weld Plates can be installed using Roofing Fasteners [#14] and Roofing Fasteners [#15].

Benefits:

- Faster dry-in time
- Non-penetrating system
- Engineered to be compatible with most common welding equipment
- 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



Application:

- 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. Attach the membrane to the installed plate using a portable induction welding tool.

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

Specification

Product name	Color	Plate Diameter		Hole Diameter
		inch	millimeter	
Canweld-TPO	Yellow / grey	3 1/8"	80 mm	0.27" (6.8mm)
Canweld-PVC	Purple / grey	3 1/8"	80 mm	0.27"(6.8mm)

Coating:

Corrosion resistant coating which can pass the corrosion requirements of FM Approval Standard 4470.

Ordering information

SKU	Product name	Description	Weight/Box	Packaging (plates/box)
38065	Canweld-TPO	TPO Induction Welding Plate	54lbs (24.5 kg)	800
38623	Canweld-PVC	PVC Induction Welding Plate		800

Installation and Application Consideration

PRECAUTIONS

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

