



Product Description:

The IB TPO 3" IW Insulation Plate is made of 22 gauge, G90 Steel with a proprietary adhesive coating. Utilizing innovative induction welding technology, the isoweld® induction welding tools to simultaneously weld the adhesive coated plates to IB TPO membrane. The isoweld® plate is used in conjunction with IB HD #14 or IB XHD #15 Roofing Fasteners, IB #12 Purlin Fastener, IB Dekspike Concrete Anchors, and IB CD-10 Concrete Fasteners.

Plate Information:

OD: 3.15"
 ID: .260"
 Thickness: .032", 22 gauge
 Material: G90 Steel w/proprietary TPO adhesive coating
 Color: Yellow
 Coating back of plate: polyester gray

Packaging:

The plates come pre-packaged in a plastic bucket. See table for quantity and weights.

IB 3-1/2" isoweld® Cardboard Spacer FI-Pad:

The IB 3-1/2" isoweld® Cardboard Spacer FI-Pad is an oversized treated cardboard material used as a separation layer between the isoweld® plate and insulation to prevent low-temp insulation from melting during the induction welding process.

Plate Information:

OD: 3.543"
 Thickness: .031"
 Material: Treated cardboard
 Color: natural/tan

Packaging:

The plates come pre-packaged in a plastic bucket. See table for quantity and weights.

Description	Dia.	Packaging	Wt
IB TPO 3" IW Insulation Plate	3"	500	34 lbs.
FI-Pad Cardboard Spacer	3.5"	2000	14 lbs.

Product details stated are nominal as manufactured, and the results of tests and/or calculations and therefore are non-binding and do not represent a guarantee or warranted characteristics. User and/or designer are responsible for confirming suitable performance for specific application and conforming with all applicable laws and regulations.



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Application:

Refer to IB TPO Specifications and Construction Details for installation instructions and fastening patterns. Securement attachment of the IB TPO SM membrane is accomplished through welding the underside of the membrane to the topside of the pre-installed IB TPO 3" IW Insulation Plate using the isoweld® induction welding tools/induction weld process. Installation directly over faced EPS board or any low-temp/low melt substrate requires use of additional isoweld® cardboard FI-Pads under the IB TPO 3" IW Insulation Plate prior to membrane application. Contact IB Technical Services for additional information.

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