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isoweld® Induction Welding System
for use with Single Ply Membranes



TPO
PVC

FM Wind Uplift Ratings

	PVC	TPO
<i>isoweld</i> ® Components	<p>#15 Dekfast fastener PVC Plate - G90 Steel with proprietary PVC adhesive coating Color: Purple Coating, back of plate: Polyester Gray</p> <p>Weld interface surface PVC membrane to PVC plate</p>	<p>#15 Dekfast fastener TPO Plate - G90 Steel with proprietary TPO adhesive coating Color: Yellow Coating, back of plate: Polyester Gray</p> <p>Weld interface surface TPO membrane to TPO plate</p>
FM Fastening Patterns	<p>1-90 @ 6 fasteners per 4'x 8' board</p>	<p>1-90 @ 6 fasteners per 4'x 8' board</p> <p>1-150 @ 10 fasteners per 4'x 8' board</p>
Deck Type	<ul style="list-style-type: none"> • 33 ksi Steel Deck • 80 ksi Steel Deck • Concrete 	<ul style="list-style-type: none"> • 33 ksi Steel Deck • 80 ksi Steel Deck • Concrete

DISTRIBUTED BY

isoweld® 3000 tool and
isoweld® 3000 tool in case











Hand-held inductor



Magnets (10) and
magnets in case

isoweld® System Information

Fasteners and Plates	Component	Part #			
	#15 Dekfast Fastener		Lengths: 1-1/4" to 28"		
	TPO Plate (500/plastic pail)		1486155		
	PVC (& KEE) Plate (500/plastic pail)		1486156		
<i>isoweld</i>® Tool Components	System Component	Part # Sell	Part # Rent		
	<i>isoweld</i> ® 3000		1349227	1351200	
	Hand inductor		1345222	1355217	
	Magnets (set of 10)		1330067	1355216	
	Installation tool		1336394	N/A	
	Pad for EPS/XPS application		1351805	N/A	
<i>isoweld</i>® Technical Data	<p><u>Dimensions & weight:</u> <i>isoweld</i>® 3000 - 43"H x 21"W x 16"D <i>isoweld</i>® 3000 - 32"L x 23"W x 18"D (in case) <i>isoweld</i>® 3000 - 41 lbs; 88lbs (in case) Magnets, set of 10 - 34"L x 13"W x 9"D (in case) Magnet, single - 2.7 lbs Magnet, set of 10 - 53 lbs (in case) Hand-held inductor cable length - 13' 500 pc. Plastic Pail: 4-7/8" x 9-7/8" x 4-3/8", 34 lbs.</p>		<p><u>Electrical - minimum requirements*:</u> Voltage: 110V (50-60 Hz)/230V Current: 20 amp, GFI protection Power: 5000 W generator, dedicated 12AWG/3 power extension cord 100' maximum length of power extension cord</p> <p><small>* Power cords of larger conductor size (10AWG/3) and shorter length are recommended for optimal performance.</small></p>		