

FlexxTM

*Thermoplastic Single Ply and Multi-Ply
Roofing & Waterproofing Systems*



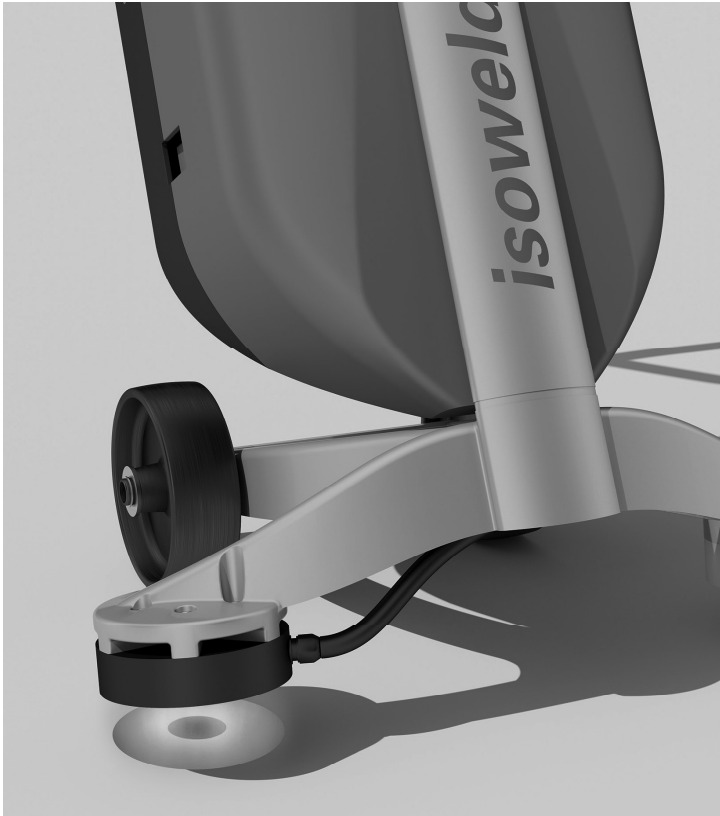
isoweld[®]

Induction Welding System

isoweld[®] 3000 stand-up and isoweld[®] Backpack

isoweld® Induction Welding System

Innovative induction welding roofing system which welds adhesive coated plates to single ply membranes.



isoweld® field fastening

- Fastening independent of membrane joints
- Only one membrane width required for the whole project
- No insulation fasteners are required
- No membrane penetration
- Reduced membrane overlaps
- Covering of the roof is independent of the fastening process – and is therefore faster
- Fewer fastening points

The isoweld® field fastening system uses induction technology and offers a non-penetrating solution. Secure attachment is achieved through the welding of the membrane to a dedicated SFS stress plate.

Extensive field tests as well as extensive research of the working processes on site have shown that the installer can save up to 20% of the total installed system cost when using the isoweld® field fastening system. This is achieved through the reduced number of fasteners required together with less membrane overlap required at the seam joints.

isoweld® Induction Welding System

Features and Benefits

- Speed and agility
- 1-step calibration
- Constant monitoring of membrane surface temperature
- "x2" welding - two membrane thickness
- 3-way weld verification
- Plate-finding search function
- No "false positive" welds
- Warranty - 24 months or 200,000 welds



isoweld® 3000 stand-up tool

Comes with:

- 1 - isoweld® 3000 stand-up tool
- 1 - calibration template
- 5 - replacement protective pads for inductor
- 1 - instruction manual
- 1 - plunger cup
- 1 - transport case

isoweld® Backpack

Comes with:

- 1 - induction welding tool isoweld® Backpack
- 1 - calibration template
- 1 - instruction manual
- 5 - protective foils for inductor
- 1 - transport case
- 1 - hand-held inductor with cord straps
- 1 - wired activation switch
- 1 - adjustable handle
- 1 - flexible handle adapter

Low profile hand held inductor

Provides the same secure weld function in tight spaces, near rooftop protrusions and on parapet walls.



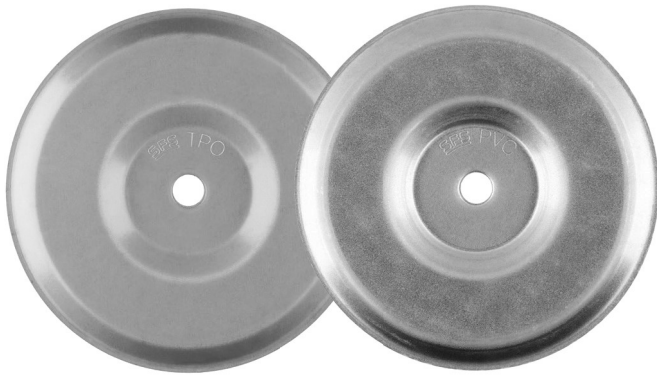
Magnets

A set of 6 or set of 12 specially designed isoweld® magnets, used for clamping and cooling of the weld. Detachable handles allow for use in tight areas and parapet walls. Supplied in their own shipping/storage case.



Stress plates

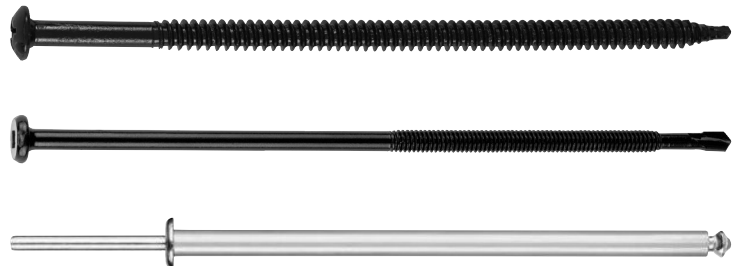
Plates with proprietary adhesive coatings uniquely designed for use with isoweld® on PVC and TPO membrane.



Fasteners

Use with isoweld® induction welding tools and applications approved by the roofing system manufacturer. Use with:

- #15 Dekfast
- # 12 Purlin
- TPR-L Peel Rivet



Flex™

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800-969-0108 • 610-916-9500

5103A Pottsville Pike, Reading, PA 19605

www.flexroofingsystems.com