

# EZ TPO INVISIWELD™ SYSTEM



An innovative addition to our full line of GenFlex EZ TPO attachment products.

- ▶ Easy installation
- ▶ No membrane penetrations
- ▶ Material and labor savings
- ▶ Established and proven technology

# SYSTEM OVERVIEW

This high performance, non-penetrating TPO membrane fastening system utilizes a special TPO coated plate to attach an approved GenFlex insulation board to the roof deck. The GenFlex EZ TPO membrane is then laid out over the plates and induction welded to the back side of the TPO membrane using a heat induction welding tool.



## Easy Installation:

A seasoned operator can weld up to 300 plates per hour.

# FEATURES:

**Quick, Simple Installation:** No need for in-seam attachment. GenFlex InvisiWeld Plate doubles as an insulation and membrane plate fastening system.

**No Membrane Penetration:** InvisiWeld plates are welded on the underside of the single-ply membrane.

**More Coverage, Less Waste:** Utilizes a 3" lap, compared to a 6" seam in typically mechanically attached TPO systems.

**Eliminates Half Sheets:** With this system, there is no need for half size TPO sheets at the perimeters and corners.

**Less Wind Fluttering:** More even load distribution over the membrane means minimal wind fluttering and membrane fatigue compared to traditional mechanically fastened TPO systems.

**Improved Performance:** Significantly reduces noise from roof flutter.

**Year Round System:** Allows for faster installation in inclement weather, and can be applied even in cold conditions where adhesives and asphalt are difficult to use.

**Reduced Parts Costs:** Typically requires 25-50% fewer fasteners compared to conventional mechanically fastened TPO systems.

**Wind Resistant:** Factory Mutual (FM) approved systems meet or exceed wind uplift requirements.

**Environmentally Friendly:** Volatile Organic Compound (VOC) free attachment system.

**Reliability Guaranteed:** Backed by up to a 20 year GenFlex warranty.