

Product Data Sheet

GENFLEX™ EZ TPO INVISIWELD™ PLATE



Description

GenFlex™ EZ TPO InvisiWeld™ Plates are designed to secure roof insulation and GenFlex EZ TPO or GenFlex EZ TPO Plus roof membrane. Plates are 3 inches round, and made with a specially coated Galvalume. The plates are installed with GenFlex #15, #16 and Purlin fasteners in steel, wood or structural concrete roof decks.

Method of Application

The InvisiWeld system requires GenFlex EZ TPO InvisiWeld Plates, GenFlex #15, #16 or Purlin fasteners, along with the RhinoBond® induction heat welding tool available for purchase through local distribution. Pre-drilling is required on structural concrete decks.

The GenFlex EZ TPO InvisiWeld™ System is compatible with GenFlex Polyisocyanurate (GenFlex ISO); GenFlex ½" HD ISO Cover Board; GenFlex Wood Fiber Roof Insulation; DensDeck® and SECUROCK®. Pull tests should always be conducted to determine proper fastener selection.

Note: RhinoBond® is a registered trademark of OMG, Inc.

Note: SECUROCK® is a registered trademark of USG Corporation

Physical Properties

| PROPERTY | MINIMUM VALUE |
|-------------------------|---|
| Material | Galvalume® AZ55 |
| Color | Green/Gray/Yellow |
| Material Thickness | 0.017" (0.43 mm) - 0.023" (0.58 mm) |
| Corrosion Resistance | Meets FM No. 4470 criteria |
| Pull-through Resistance | 400 lb (181.4 kg) (min.) from center hole |
| Diameter | 3" (76 mm) nominal |

Note: Galvalume® is a registered trademark of BIEC International, Inc.



Product Data

Item Number: W590051524

Item Description: 1 Pail, 500 Pieces

LEED® Information

Recycled Content

| | |
|------------------------|------------|
| Post Consumer | 25% |
| Pre Consumer | 0% |
| Manufacturing Location | Agawam, MA |

Storage

Store in unopened original containers protected from the weather.

Precautionary Data

Do not overdrive fasteners causing plate to buckle or underdrive fasteners resulting in a loose plate (able to spin).

Avoid field seams directly over insulation plates.

Induction welding should not be used on extruded polystyrene (XPS), expanded polystyrene (EPS) or foil-faced insulation boards.



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