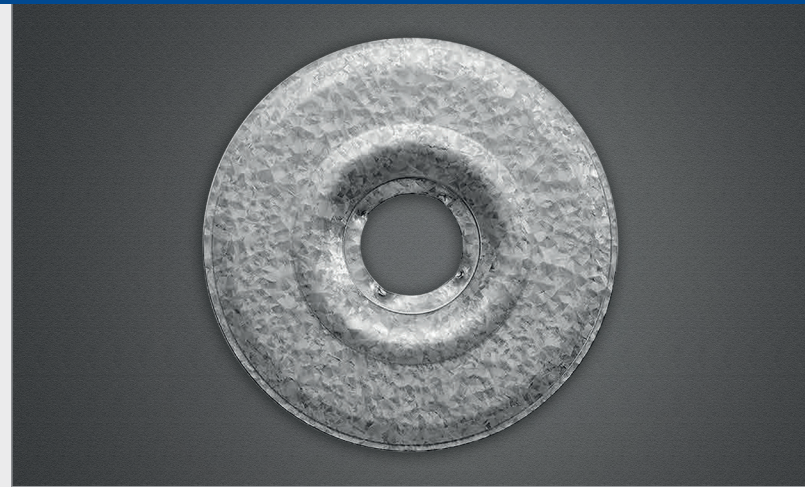


### Product Description

The Kingspan Tectum Auger Plate is a 3" round Galvalume® steel plate designed to secure Kingspan ISO GF and ISO CG insulation or Kingspan ISO HD CG and DensDeck® cover boards to gypsum and cementitious wood fiber, including Tectum®, Insulrock®, and Permadeck®, using Kingspan Tectum Auger Fasteners.



### Manufactured in the U.S.A.

The Kingspan Tectum Auger Plate is manufactured in the U.S.A. with globally sourced materials.



### Features & Benefits

- **Corrosion Resistant:** Coated with AZ55 Galvalume® corrosion resistant coating which passes the requirements of FM Approval Standard 4470 and EAD030351-00-0402.
- **Trusted Performance:** distributes loads to help prevent damaging the secured board.
- **Smooth Edge Design** prevents the plate from damaging the membrane.
- **FM Approved** for attachment of Kingspan ISO GF and ISO CG insulation or Kingspan ISO HD CG and DensDeck® cover boards to approved substrates.
- **Plate-Locking Technology:** head of Kingspan Tectum Auger Fastener locks right into the Tectum Auger Plates when inserted for installation.
- Ships in cartons with 1,000 plates per carton.
- **Approved for use in warranted Kingspan TPO Roofing Systems.**

### Codes & Approvals



### System Installation Options

- **Mechanically Attached System** – in this system, Kingspan Tectum Auger Fasteners and Tectum Auger Plates may be used to secure the insulation and other approved materials to the roofing deck. **Kingspan Tectum Auger Plates are not approved for membrane attachment with the Kingspan Tectum Auger Fasteners.**
- **Adhered System** – Kingspan Tectum Auger Fasteners and Tectum Auger Plates may be used to secure the first layer of insulation with adhered layers of insulation above it or all layers of insulation mechanically attached with the membrane being adhered.

### Application

- For best results, install using a heavy-duty variable speed screw gun. Installation at a low Revolutions Per Minute (RPM) is recommended. Avoid overdriving fasteners to prevent damage to insulation facer, fastener or roof deck.
- Using ¼" square drive bit provided in box, install fastener through plate and insulation into Tectum® decks without predrilling. Fastener should be installed perpendicular to roof deck using a low RPM clutch driven variable speed screw gun.
- Kingspan Tectum Auger Fasteners can be installed into some cementitious wood fiber decks without predrilling, including Tectum®. A pilot hole is required for gypsum. Use a 7/16", 1/2", or 9/16" drill bit as determined by pullout test results. Pilot holes must be a minimum of 1/2" deeper than embedment and the fasteners must embed a minimum of 1.5" into the deck.

## Application (continued)

- Kingspan recommends 2" embedment into the deck, which is also required for FM applications. Never penetrate the bottom of the roof deck.
- **Disclaimer:** The strength of different roof decks can vary widely and can be adversely affected by moisture and other conditions. Therefore, it is recommended that a fastener pull test be conducted to help evaluate deck condition and fastener suitability. Please reach out to your local Kingspan sales contact to schedule a pull test.

## Safety Precautions

- Use proper equipment and assistance when moving, lifting, handling, or transporting Kingspan Tectum Auger Plate boxes to avoid personal injury as well as damage to the materials.
- Protective eyewear must be worn during installation of Kingspan Fasteners and Plates.
- Reference the Kingspan product Safety Data Sheet for additional safety information.

## Storage

- Store Kingspan Tectum Auger Plates away from objects that could cause physical damage.

## LEED® Information

- Recycled Content
  - Post-Consumer: 25% material by weight.

## Typical Properties

Property	Typical Performance
Material	AZ55 Galvalume® coated steel
Shape	Round
Plate Diameter	3" (75 mm)
Plate Thickness	0.025" (0.64 mm)
Corrosion Resistance	Passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

## Product Information

Ordering SKU	Pieces per Carton	Carton Weight
600000001034	1,000	46 lbs. (20.1 kg)

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For the product offering in other markets please contact your local sales representative.

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