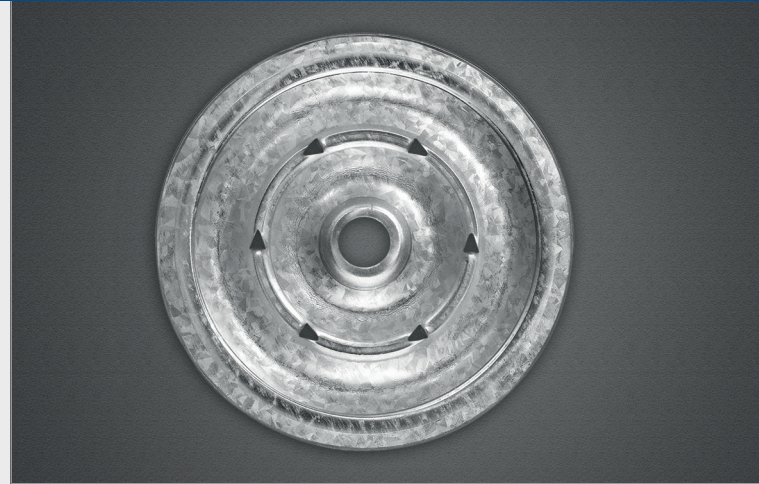


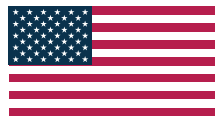
Product Description

The Kingspan Barbed Seam Plate is a 2-3/8" Galvalume® coated steel plate used for the attachment of Kingspan membranes over Kingspan ISO GF or ISO CG insulations or Kingspan ISO HD CG and DensDeck® coverboards to approved substrates. Used in conjunction with Kingspan #15 Fasteners to mechanically attach Kingspan membrane to plywood, OSB, and corrugated steel roof decks, or used in conjunction with Kingspan Purlin Fasteners to mechanically attach Kingspan roof membrane to purlins.



Manufactured in the U.S.A.

The Kingspan Barbed Seam Plate is manufactured in the U.S.A. with globally sourced materials.



Features & Benefits

- **Strong Fastener Pullout Resistance:** Rounded design with metal barbs provides high wind uplift resistance and even distribution of loads to prevent damaging membrane.
- **Corrosion Resistant:** Features AZ55 Galvalume® with a corrosion resistant coating that meets the requirements of FM Approval Standard 4470 and EAD030351-00-0402.
- **FM Approved** for attachment of Kingspan ISO GF and ISO CG insulation or Kingspan ISO HD CG and DensDeck® cover boards.
- Compatible with Kingspan #15 Fasteners and Purlin Fasteners.
- Ships in cartons of 1,000 plates.
- **Approved for use in warranted Kingspan TPO Roofing Systems.**

Codes & Approvals



System Installation Options

- **Mechanically Attached System** – attachment method where Kingspan Barbed Seam Plates are used in conjunction with Kingspan #15 Fasteners or Purlin Fasteners to attach Kingspan ISO GF and ISO CG insulation or Kingspan ISO HD CG and DensDeck® coverboards to approved substrates.

Application

- Use Kingspan Barbed Seam Plate with #15 Fasteners to mechanically secure Kingspan TPO membrane to plywood, OSB, and corrugated steel roof decks. Use Purlin Fasteners to mechanically secure Kingspan TPO roof membrane to purlins.
- Position Kingspan Barbed Seam Plate within the membrane lap in accordance with Kingspan requirements. Various fastening patterns are available depending on membrane sheet width, roof wind zone, wind uplift ratings and Kingspan warranty requirements.
- Fastener should be installed perpendicular to roof deck. #15 Fasteners must penetrate plywood, OSB and steel decks a minimum of 3/4" and a minimum 1" penetration in wood plank decks.
- Drive fastener sufficiently tight to prevent plate from turning. Avoid overdriving fasteners to prevent damage to insulation facer, fastener or roof deck.
- Refer to Kingspan TPO Roofing System Application Guide to ensure installation in accordance with Kingspan specifications and requirements.

Application (continued)

- **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 Barbed Seam 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 Barbed Seam 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	2-3/8" (60.3 mm)
Plate Thickness	.038" (0.9 mm) min.
Hole Diameter	.280" (7 mm) max.
Corrosion Resistance	Passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

Product Information

Ordering SKU	Pieces per Carton	Carton Weight
600000001035	1,000	53 lbs. (24.1 kg)

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

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