

Product Description

Kingspan Lite Deck Plates are Galvalume® coated steel plates used in conjunction with Lite Deck Fasteners to secure Kingspan polyiso insulation and approved cover boards to lightweight-structural concrete, gypsum, and cementitious wood fiber decks.



Manufactured in the U.S.A.

Kingspan Lite Deck Plates are manufactured in the U.S.A. with globally sourced materials.



Features & Benefits

- Round plate design provides an even distribution of loads and eliminates sharp corners that can damage the insulation or membrane.
- FM Approved assemblies available for installing insulation.
- Coated with AZ55 corrosion resistant coating which passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

*The Lite-Deck Fastener is only FM approved for use with Lite-Deck insulation plates for adhered and insulation securement applications. FM does not approve mechanically attached systems into Tectum or Gypsum. Always consult with roof system manufacturer for the latest approval ratings.

Codes & Approvals



Application

- Prior to job start, a pullout test should be performed to determine sufficient pullout values. Contact Kingspan Roofing + Waterproofing for assistance in setting this up.
- The Kingspan Lite Deck Plates can be used to mechanically attach Kingspan insulation and approved cover boards to lightweight-structural concrete, gypsum, and cementitious wood fiber decks.
- For insulation and cover board installation, use a screw gun with a T40 drill bit to install the Lite Deck Fastener with the Lite Deck Plate until a slight depression is seen around the plate, or if installing very rigid insulation boards, watch for the plate to dimple. Take care not to overdrive the fastener causing damage to the insulation facer. The fastener must be tight enough so that the plate does not turn.

Safety Precautions

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

Storage

- Store Kingspan Lite Deck Plates in a controlled, dry environment, away from objects that could cause physical damage to product or packaging.

Typical Properties

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

Product Information

SKU	Pieces per Bucket	Bucket Weight Lbs. (kg)
600000001468	500	19 lbs. (8.62 kg)

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

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