

METAL INSULATION PLATES

PRODUCT DESCRIPTION

TRUFAST® Metal Insulation Plates are used to mechanically attach insulation, coverboards and BUR base sheets to the substrate. The plate's circular design and reinforcing ribs provide exceptional strength to resist wind uplift forces. TRUFAST Metal Insulation Plates are made of Galvalume coated steel for excellent corrosion protection that meet the requirements of ASTM D 6294, FM 4470 and DIN 50018.

TRUFAST 3" Metal Insulation Plate has a flat bottom and is used to attach roof coverboards, insulation, and BUR base sheets to the substrate. Use the TRUFAST #12DP, #14HD, #14 Stainless Steel HD, #15EHD, Fluted Concrete Nail or 1/4" Concrete Spike fasteners.

TRUFAST 3" Recessed Metal Insulation Plate has a deep center recess to accommodate hex headed fasteners and prevent screw heads from snagging mops and penetrating into membrane. It is used to attach roof insulation to the substrate and should only be used over compressible insulations. Used with TRUFAST #12DP, #12DPH, #14HD, #14 Stainless Steel HD or #15EHD fasteners.

TRUFAST 3" TL Insulation Plate is used to attach roof insulation, coverboards and BUR base sheets to cementitious wood fiber, gypsum and lightweight concrete substrates. Use with TRUFAST TL Roofing Fastener.

CODE APPROVALS & LISTINGS



Miami-Dade County



* State of Florida-FL#: 4500-R1

* CE European Technical Approval ETA 09/0375

DoPTru 01-2014-01-01

* with the exception of 3" TL Insulation Plate

MATERIAL SPECIFICATIONS

Manufacturing Location: Cleveland, OH USA

LEED® Eligible Recycled Content: 49%

PRODUCT SELECTION



3" Metal Insulation Plate

Thickness: 0.017"

Diameter: 3"

Hole Diameter: 0.260"

Coating: AZ-50 Galvalume



3" Recessed Metal Insulation Plate

Thickness: 0.017"

Diameter: 3"

Hole Diameter: 0.260"

Coating: AZ-50 Galvalume



3" TL Insulation Plate

Thickness: 0.017"

Diameter: 3"

Hole Diameter: 0.625"

Coating: AZ-55 Galvalume

Size & Type	Part No.	Pkg. Qty.	Pkg. Wt.	Pallet Qty.
3" Metal Insulation Plate	MP-3000	1000/Bucket	34 lbs.	40,000
3" Recessed Metal Insulation Plate	MPR-3000	1000/Bucket	37 lbs.	40,000
3" TL Insulation Plate	MPTL-3000	500/Carton	17.5 lbs.	36,000

INSTALLATION GUIDELINES



TOP VIEW

Incorrectly installed, overdriven plate/fastener.



SIDE VIEW

Correctly installed plate/fastener. Minimum 3/4" penetration through roof deck.



TOP VIEW

Correctly installed plate/fastener.

DISCLAIMER

The performance specifications published in this TRUFAST® product literature are based on controlled laboratory tests and are intended as a guideline only. They are not guaranteed in any way by the ALTENLOH, BRINCK & CO. U.S., INC. (the manufacturer), since building design, engineering, and construction, including workmanship and materials, are beyond the control of the manufacturer. The manufacturer recommends that pull-out tests be conducted to verify the substrate provides adequate pull-out values.



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