

# DURO-TECH TPO HD SEAM PLATE

## DESCRIPTION:

Duro-TECH TPO HD Seam Plates ("HD Seam Plates") are designed to secure roof insulation, cover boards, and Duro-TECH™ thermoplastic polyolefin ("TPO") membrane to approved substrates.

Each 2-3/8-inch (60-mm) diameter seam plate is created with multiple stamped ribs and "eyehooks" to secure the TPO membrane in place. The center hole can accommodate #14, #15, and #12 purlin fasteners.

## ORDERING:

HD Seam Plates are packaged and sold in quantities of 1,000. Each pail weighs approximately 48 pounds (21.77 kg).

- 1,000-count pail (Item #1305T)

## STORAGE AND HANDLING:

- Always store in a dry location protected from the elements.

## PRECAUTIONS:

- Do **not** overdrive or underdrive fastener.
- Wear proper personal protective equipment, such as gloves and eye protection, per the Safety Data Sheet.
- Avoid installing HD Seam Plates directly over insulation/cover board plates.

## INSTALLATION:

1. Plate Placement
  - a. For TPO membrane, place the HD Seam Plate so that the plate edge is positioned between 1/2 – 1 inch (13 – 25 mm) from the TPO membrane edge and spaced per the Duro-TECH TPO Mechanically Fastened Roofing System specification.
  - b. For insulation or cover boards, refer to the plate positioning patterns per the Duro-TECH TPO Mechanically Fastened Roofing System specification.
2. Using a conventional screw gun, the HD Seam Plate is attached with approved fasteners. The HD Seam Plate must have the logo facing up and the eyehooks against the TPO membrane.



DURO-TECH TPO HD SEAM PLATE PROPERTIES	
Material	Galvalume® Sheet Steel AZ50 or AZ55
Material Thickness	0.03 in. (0.9 mm)
Plate Diameter	2-3/8 in. (60 mm)
Center Hole Diameter	0.27 ± 0.003 in. (6.73 ± 0.076 mm)
Pull-Through Resistance (from center hole)	700 lb (317.52 kg)
Corrosion Resistance	Meets FM 4470 criteria
Weight per Plate	0.05 lb (0.07 kg)