

TPA Coated Metal

For Fabricating Perimeter and Penetration Flashings Compatible with TPA Membrane

FEATURES

Thermoplastic
Factory laminated TPA
Coated sheet metal
Chemical resistance

BENEFITS

- Quickly installed by heat welding
- Consistent substrate for field fabrication
- Capable of being fabricated in a variety of details
- Resists environmental pollution, such as acid rain and minor oil exposure

DESCRIPTION

TPA Coated Metal is manufactured from a flexible non-reinforced Tremco TPA (Tri-Polymer Alloy) membrane factory laminated to hot-dipped galvanized steel. The metal consists of 24 gauge (0.023" minimum) G90 hot dipped galvanized steel with a back wash coat of 0.0001" clear acrylic, laminated on one side with a 20 mil unreinforced TPA Membrane.

BASIC USES

TPA Coated Metal is used to fabricate perimeter edge metal and flanged metal flashings for use with TPA Roof Systems. The factory laminated TPA Coating on the metal allows for a heat welded bond to be field fabricated between the TPA Coated Metal and TPA Single Ply Membrane.

COLOR

White

DIMENSIONS

48" x 120" (4' x 10')

WEIGHT

44 lbs/sheet

PACKAGING

Available in individual sheets or in pallets of 25 sheets/pallet.

APPLICATION

General: Roof replacement usually involves more complexities than new construction roofing. Such contingencies as rusted or deteriorated decks, rotted wood components, rooftop equipment which cannot be moved or shut down, and numerous other conditions are often encountered.

The following application information is designed to serve as a general guide. Your local Tremco Representative will prepare detailed specifications based upon your roofs conditions.

Structural Deck: Must be properly designed and structurally sound.

Drainage: Ponding conditions are unacceptable and will adversely affect the performance of any roofing system. Where positive drainage does not exist, water removal from roof surface must be facilitated by lowering drains, and/or installing additional drains or tapered insulation, or an approved lightweight insulating concrete slope system.

Installation Procedures: All surfaces must be clean and dry.

For heat welding, allow the hot air welder to warm up. Insert the nozzle tip of the hot air welder into the attachment area. Move nozzle at a steady speed, immediately applying pressure behind the air nozzle with a neoprene roller or weighted wheel to ensure positive contact of the heated TPA Coated Metal and the TPA roof membrane. Minimum width of welded lap shall be 2.0" (51 mm) when performing hand welds.

Field test heat welded laps to assure proper construction. Perform field test after lap area cools to ambient temperatures. Properly constructed heat welds will not separate at the lap interface when tested.

TPA Coated Metal

LIMITATIONS

- Not intended for use with TPO, PIB, CSPE, or EPDM.
- Not intended for use in combination with BUR or MB roof systems.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE
TPA Coating:	
Color	White
Thickness	0.020" TPA laminate on top side
Sheet Metal:	
Type	24 gauge G90 hot dipped galvanized steel
Metal Prep	0.0001" clear acrylic backwash coating
Thickness	0.023

MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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