

# TPA Coated Metal

## For Fabricating Perimeter and Penetration Flashings Compatible with TPA Membrane

**Composition:** 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.

**Limitations:**

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

**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.

**General Application Data:** 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.

Product Advantages	
Features	Benefits
Thermoplastic	• Quickly installed by heat welding
Factory laminated TPA	• Consistent substrate for field fabrication
Coated sheet metal	• Capable of being fabricated in a variety of details
Chemical resistance	• Resists environmental pollution, such as acid rain and minor oil exposure

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.

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

**Guarantee / Warranty:** Tremco Incorporated warrants TPA Coated Metal to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards.

Under this warranty, any TPA Coated Metal product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at not charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**Technical Services:** Your local Tremco Representative, working with the Technical Service Staff, can help analyze condition and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

**Statement of Policy and Responsibility:**

Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation. As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure or any components below the building structure on which its products may be applied.

If questions arise as to the soundness of a structure, its ability to support a planned installation property, or whether material below the structure will be disturbed, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any failure of the structure or material below the structure for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

<b>Physical Performance Characteristics</b>	
<b>TPA Coated Metal</b>	
<b>Property</b>	<b>Value</b>
<b>TPA Coating:</b>	
Color	White
Thickness	0.020" TPA laminate on top side
<b>Sheet Metal:</b>	
Type	24 gauge G90 hot dipped galvanized steel
Metal Prep	0.0001" clear acrylic backwash coating
Thickness	0.023"



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