

# Sure-Weld<sup>®</sup> TPO

## Coated Metal



### Overview

Sure-Weld TPO Coated Metal comes in 24-Gauge Galvanized and Stainless Steel as well as multiple gauges of Aluminum. The metal is coated with a layer of 0.035" non reinforced TPO flashing. TPO membrane may be welded directly to the coated metal, eliminating the need to strip in the metal with a separate piece of TPO Pressure-Sensitive Coverstrip. The sheet is cut to the appropriate width and used to fabricate metal drip edges or other roof perimeter edging profiles. The metal is available in 4' by 10' (1.2 m by 3.1 m) sheets and comes packaged 10 or 25 sheets per pallet.

Carlisle's TPO Coated Metal is part of Carlisle's comprehensive TPO accessory offering that meets the stringent quality tolerances required to be included in a Carlisle warranted roofing system.

### Features and Benefits

- » Allows direct welding of TPO membrane to the metal, eliminating the need to strip in edging with additional TPO Pressure-Sensitive Coverstrip.
- » Easy to cut and form for creating a variety of edge sizes and profiles.

### Installation

1. Install TPO Coated Metal with 1/8" to 1/4" (3 – 6 mm) between adjoining sections.
2. Heat-weld 3" wide non-reinforced flashing over joint in TPO Coated Metal.
3. Position TPO reinforced membrane and heat-weld to the TPO Coated Metal with a minimum 1 1/2" (4 cm) weld.
4. Heat-weld 6"-wide (15.5 cm) piece of TPO non-reinforced flashing over joint.

Review Carlisle specifications and details for complete installation information.

### Precautions

- » Store coated metal in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. TPO Coated Metal that has been exposed to the weather must be prepared with Weathered Membrane Cleaner prior to hot-air welding.

### Typical Properties and Characteristics

	Galvanized (Standard)	Stainless (Made per request)	Aluminum (Made per request)
Sheet Size	4' by 10' (1.2 m by 3.0 m)	4' by 10' (1.2 m by 3.0 m)	4' by 10' (1.2 m by 3.0 m)
Weight	1.1 lb/ft <sup>2</sup> (5.4 kg/m <sup>2</sup> )	1.1 lb/ft <sup>2</sup> (5.4 kg/m <sup>2</sup> )	Weight varies on thickness
Color	White, Gray, Tan, Patina Green, Rock Brown, Terra Cotta, Medium Bronze, and Slate Gray	White, Gray, Tan, Patina Green, Rock Brown, Terra Cotta, Medium Bronze, and Slate Gray	White, Gray, Tan, Patina Green, Rock Brown, Terra Cotta, Medium Bronze, and Slate Gray
Flashing Thickness	0.035" (0.9 mm) nominal	0.035" (0.9 mm) nominal	0.035" (0.9 mm) nominal
Steel Thickness	0.024" (0.6 mm) nominal (24 gauge)	0.024" (0.6 mm) nominal (24 gauge)	.032", .040", .050", .063"
Metal Type	Hot Dipped Galvanized Steel – G90	304(2)b or 316L Stainless Steel	Series 3003 or 3105 alloy
Conforms to ASTM	Conforms to ASTM A653	Conforms to ASTM A653	Conforms to ASTM B209
Packaging – White, Gray, and Tan	10 or 25 sheets per pallet – White, Gray, Tan 5 sheets per pallet – Patina Green, Rock Brown, Terra Cotta, Medium Bronze, and Slate Gray	10 or 25 sheets per pallet – White, Gray, Tan 5 sheets per pallet – Patina Green, Rock Brown, Terra Cotta, Medium Bronze, and Slate Gray	10 or 25 sheets per pallet – White, Gray, Tan 5 sheets per pallet – Patina Green, Rock Brown, Terra Cotta, Medium Bronze, and Slate Gray

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

### LEED<sup>®</sup> Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Franklin Park, IL
Solar Reflectance Index (SRI)	N/A