



## Thermoplastic Single Ply and Multi-Ply Roofing Systems

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### **FLEX TPO COATED METAL TECHNICAL DATA SHEET**

#### **GENERAL:**

Flex TPO Coated Metal is a galvanized steel sheet with a laminate of non-reinforced Flex TPO Flashing. The sheet is cut into the appropriate width and used to fabricate metal drip edges or other roof perimeter edging profiles. Flex TPO membrane may be welded directly to the coated metal, eliminating the need to strip in the metal with a separate piece of membrane. The metal is available in 4-foot by 10-foot (1.2 m by 3.1 m) sheets and comes packaged 25 sheets per pallet.

#### **TYPICAL PROPERTIES AND CHARACTERISTICS:**

Sheet Size:	4 foot by 10 foot (1.2 m by 3.0 m)
Weight:	1.1 lb/ft <sup>2</sup> (5.4 kg/m <sup>2</sup> )
Color:	White, Gray and Tan
Flashing Thickness:	0.035 inches (0.9 mm) nominal
Steel Thickness:	0.024 inches (0.6 mm) nominal (24 gauge)
Steel Type:	Hot Dipped Galvanized Steel – G90
Packaging:	25 sheets per pallet

#### **CAUTIONS AND WARNINGS:**

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

#### **INSTALLATION:**

1. Install Flex TPO Coated Metal with 1/8” to 1/4” (3-6mm) gap between adjoining sections.
2. Install 2” (5 cm) wide foil tape over joints in Flex TPO Coated Metal.
3. Heat weld a 6” (15.5 cm) wide piece of Flex non-reinforced TPO flashing over joint.
4. Position Flex TPO reinforced membrane and heat weld to the Flex TPO Coated Metal with a minimum of 1-1/2” (4 cm) weld.

\* Refer to Flex specifications and details for specific application requirements.