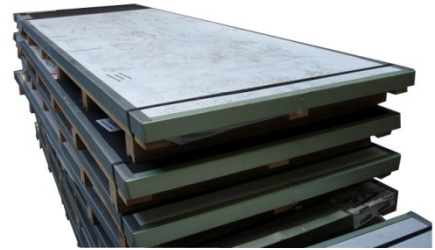




UltraPly™ TPO Coated Metal

1. Description

Firestone UltraPly™ TPO Coated Metal is made from a non-reinforced thermoplastic polyolefin membrane that is factory laminated to a hot-dipped galvanized steel sheet. The UltraPly TPO Coated Metal is used in an alternative method to install base tie-in details, at the base of upstands and skylight curbs, and to produce metal edge profiles. Firestone UltraPly TPO membranes can be welded directly onto the coated side of the UltraPly TPO Coated Metal.



2. Preparation

Substrates to which profiles of UltraPly TPO Coated Metal will be anchored need to be sound and provide sufficient pull-out strength. Clean the TPO coated side of the metal sheet prior to welding with Firestone Splice Wash or Cleaner. Firestone Cleaner is an alternative to clean smaller areas. Take into consideration that cleaned surfaces require more time to dry when using Splice Wash. Use first a scrubbing device to remove heavy dirt and then a white, clean cotton rag to obtain a completely clean and dry surface.

3. Application

Install the UltraPly TPO Coated Metal profiles with 5 mm between adjoining sections. Install a 5 cm wide duct tape over joints of adjoining profiles. The tape will act as a separator and prevent extra stress of the weld caused by normal thermal movement of the Coated Metal. Weld a 150 mm wide piece of UltraPly TPO membrane or UltraPly TPO Unsupported Flashing over the joint as per Firestone specifications. Take during welding into consideration that settings for welding equipments when welding UltraPly TPO coated metal products are different (lower speed, more pressure).

4. Coverage

In accordance with length and development of the detail.

5. Characteristics

Technical	
Top	Thermoplastic Polyolefin (TPO)
• Color	White or gray
• Thickness	0.76 mm
Bottom	Galvanized steel
• Thickness	0.58 mm
• Width	1220 mm
• Length	3050 mm

6. Packaging / Storage / Shelf life

Packaging	10 sheets (1.22 m x 3.05 m) per pallet (300 kg)
Part number	<ul style="list-style-type: none">W56TPO3023 (white)W56TPOG023 (gray)

Storage: Cool and dry. Store material in original unopened packaging in a dry area away from sources of physical damage or chemical contamination.

Shelf life: Unlimited.