

# TW FLASH-N-WRAP® 40

## SELF-ADHERING REFLECTIVE SHEET MEMBRANE

MANUFACTURED IN COLUMBUS, KS

## PRODUCT DATA

### DESCRIPTION

Information included in this product data sheet was current at time of printing.

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**TW FLASH-N-WRAP 40** is a self-adhering rubberized asphalt sheet membrane with a reflective aluminum surface film and a removable treated release film on the adhesive side.

- Flexible SBS modified asphalt and aluminum surfacing provides excellent protection from moisture or air penetration
- Treated release film for ease of installation and handling
- Adheres to cast-in-place concrete, pre-cast concrete, masonry block, exterior gypsum sheathing, plywood, OSB, DensGlass®, felt and foil-faced polyisocyanurate foam insulation, EPS insulation, wood, vinyl or metal surfaces
- Available in factory pre-cut widths of 9" and 12"
- Reflective surface film for UV resistance up to 180 days
- 5-year Limited Warranty and Arbitration Agreement

**USES:** To seal window and door perimeters and keep water outside of the building envelope.

**WATERPROOFING PRODUCTS BEGIN TO AGE AS SOON AS THEY ARE EXPOSED TO NATURE. BUILDINGS EXPERIENCE AGING FACTORS DIFFERENTLY, SO IT IS DIFFICULT TO PREDICT HOW LONG WATERPROOFING PRODUCTS WILL LAST. THAT'S WHY TAMKO PROVIDES A LIMITED WARRANTY THAT INCLUDES A BINDING ARBITRATION CLAUSE AND OTHER TERMS AND CONDITIONS WHICH ARE INCORPORATED HEREIN BY REFERENCE. YOU MAY OBTAIN A COPY OF THE LIMITED WARRANTY AT TAMKO.COM OR BY CALLING 1-800-641-4691.**

### LIMITATIONS

- Membrane or primer must not be applied to damp, frosty, or contaminated surfaces
- Aluminum surface resists UV degradation up to 180 days; however TAMKO recommends covering this material as soon as possible for ultimate product performance as exposure to severe weather of uncovered product may affect performance
- Membrane must not come with products containing coal-tar pitch
- Membrane must be applied when air, substrate and membrane temperatures are above 40°F
- Not designed for use in ponding areas
- Not intended for use on roofs or prolonged exposure to temperatures above 200°F

### TECHNICAL INFORMATION

UL Classified in Accordance with:

ICC-ES ESR-2260 and ER-2882

### PRODUCT DATA

Roll Width	Roll Size	Linear Feet per Carton	Rolls per Carton
9"	9" × 75'	225'	4
12"	12" × 75'	225'	3
36"	36" × 75'	225'	1 roll/wrapper
Surfacing	Aluminum		
Asphalt Modifier	Styrenic Block Copolymer		
Product Thickness <sup>†</sup>	40 mil		
Rolls per Pallet	30		

<sup>†</sup>Subject to manufacturing variation



P.O. Box 1404  
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800-641-4691  
[tamko.com](http://tamko.com)

**WARNING:** This product contains crystalline silica. Crystalline silica has been classified as a "known human carcinogen" by the International Agency for Research on Cancer (IARC) and the National Toxicology Program. The National Institute for Occupational Safety and Health has concluded that the fumes of heated roofing asphalt are a potential occupational carcinogen. The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing fumes and contact with skin.

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### TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Value
Tensile Strength (psi)	ASTM D1970	
MD		676
CD		516
Tensile Strength After UV Exposure (psi)		
MD	ASTM D1970	561
CD		532
Peel Adhesion (lbf/in.)	ASTM D3330	
Plywood (APA Exposure 1)	6.2	
OSB (APA Exposure 1)		4.6
Aluminum		7.9
Vinyl		5.9
Galvanized Metal		7.5
Masonry Block (Unprimed)		4.3
Concrete (Unprimed)		4.9
DensGlass (Unprimed)		5.1
Exterior Gypsum Sheathing (Unprimed)		Exceeds strength of substrate
EPS (Representative of ICF)		Exceeds strength of substrate
Peel Adhesion to Aluminum (lbf/in.)	ASTM D3330	
After Accelerated UV Aging (28 days)		9.0
After Elevated Temperature Exposure		7.8
After Thermal Cycling		11.2
Peel Adhesion After Water Immersion (lbf/in.)	AAMA 711-05	11.4
Resistance to Peel From Flashing Facing	AAMA 711-05	Pass
Water Resistance	AATCC 127	
As Received		Pass
After Accelerated Aging		Pass
Water Penetration Around Nails Tested at 7.8 psf and 28.9 psf	ASTM E331/E547	
As Received		Pass
After thermal exposure (25 cycles)		Pass
Pliability 0 F (Pass/Fail)	ASTM D1970	Pass
Accelerated Weathering	ASTM D4798. Cycle A	100 Cycles, Pass
Permeance	ASTM E96 (BW)	0.5 perms (max)
Air Permeance ( $\Delta P = 75$ Pa)	ASTM E2178	<0.0000 L/s-m <sup>2</sup> (<0.0000 CFM/ft <sup>2</sup> )

The Typical Physical Properties represented above were from testing that was conducted on TW Flash-N-Wrap 25 (25 mil), which is a thinner version of TW Flash-N-Wrap 40 (40 mil) and made from the same materials. These values are representative of the typical physical properties of TW Flash-N-Wrap 40 when tested using the same methods.



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