

# TAMKO® TW-THRU WALL FLASHING PRODUCT DATA

## DESCRIPTION

TAMKO® TW-THRU WALL FLASHING is a flexible 40 mil self-adhering sheet membrane; consisting of a self-adhering rubberized asphalt, a removable treated release film and a high density 8-mil polymer film as the top surface.

## USES

TW-THRU WALL FLASHING is an in-wall flashing membrane for use with concrete, masonry, gypsum, felt-faced and foil-faced polyisocyanurate foam insulation, or wood wall construction.

## ADVANTAGES

- Excellent tensile, elongation, and permeance characteristics.
- The rubberized asphalt sheet has high adhesive quality.
- Treated release film for easier installation.
- Puncture resistant, non-removable surface film.
- Sheet available in full roll size or 12", 18", and 24" widths.
- High temp resistance up to 245° F.



## LIMITATIONS

- TW-THRU WALL FLASHING cannot be left exposed to sunlight longer than 60 days.
- Do not install when temperatures are below 40° F.
- All surfaces to receive TW-THRU WALL FLASHING shall be primed with TAMKO TWP-1\*\* QUICK DRY PRIMER or TAMKO TWP-2 PRIMER.
- Membrane should not be brought into contact with products containing coal-tar pitch.

## PRODUCT DATA\*

Film Surfacing	8 mil Cross Laminated High Density Polyethylene Film
Asphalt Modifier	SBS
Roll Size (225 sq. ft.)	75' x 36"
Product Thickness	40 mil

\*All values stated as nominal at time of manufacture

## TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Value
Puncture Resistance	ASTM E 154	70.0 lbf
Initial Tear Resistance	ASTM D 1004	10.0 lbf
Tensile Strength, Surface Film	ASTM D 412, Die C	3200 psi
Tensile Strength, Membrane	ASTM D 412, Die C	750 psi
Elongation to Failure of Rubberized Asphalt	ASTM D 412, Die C	600%
Pliability, 180° bend over 1" mandrel	ASTM D 1970 (modified) <sup>1</sup>	-10° F
Lap Peel Adhesion at 35° F	ASTM D 1876	2.4 lb/ft width
Water Vapor Transmission	ASTM E 96 (BW)	0.05 perms (max)

<sup>1</sup> Testing done using procedures in ASTM D 1970 with adhesive side away from the mandrel.

**CAUTION:** The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not burn this product.

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**TAMKO®**  
**WATERPROOFING**

# TW-THRU WALL FLASHING

## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

Masonry surfaces should be dry and have a smooth (not broomed) finish and be free of form release agents, voids and sharp protrusions. Holes or voids should be repaired with non-shrink grout. Mortar joints should be flush to the face of concrete block and have a thorough parge coat.

Cracks greater than 1/16" in width should be cut out to a minimum width of 1/4" with a minimum depth of 1/4", and sealed using polyurethane sealant prior to installation of TW-Thru Wall Flashing.

For wood, OSB, or gypsum sheathing surfaces; care should be taken to be sure that the surface is smooth, clean, and dry.

### PRIMING

Priming is generally not required for wood, gypsum sheathing or felt-faced and foil-faced polyisocyanurate foam insulation, provided they are smooth, clean, and dry. In any case where adhesion is found to be marginal and in all cases for concrete, masonry, OSB, DensGlass®, and DensGlass Gold®, prime with TWP-1\*\* or TWP-2 at designated coverage rates.

**For DensGlass and DensGlass Gold the following priming instructions must be followed.**

**Priming Instructions for applications over DensGlass and DensGlass Gold:** With a roller, apply TWP-1 Quick Dry Primer to the DensGlass Gold at the rate of one gallon per 250-300 square feet. Allow the primer to dry a maximum of 5 to 10 minutes, based on temperature. Higher temperatures will require shorter dry time. It is critical that you not allow the primer to dry longer than 10 minutes before the application of the membrane. With this substrate, it is not possible to do long stretches of priming before application.

### APPLICATION

Install TW-Thru Wall Flashing in lengths of 8' or less. Overlap edge seams 2-1/2". Start at the low point and work to the high point overlapping the end laps 5". Use heavy hand pressure or a suitable roller to press membrane firmly against the wall. Be sure to stagger all vertical seams.

In all DensGlass, DensGlass Gold and OSB applications staples are to be applied 18" on center to the individual pieces of membrane around the entire perimeter of the piece.

TW-Thru Wall Flashing should be trimmed flush with the plane of the wall to prevent exposure of the membrane to ultraviolet radiation.

TW-Thru Wall Flashing, when terminated on a vertical surface, should have a term bar or counter flashing installed at the head and a bead of mastic should be applied to all terminations.

Weep holes should be placed immediately above all flashing on a brick wall, and be spaced no more than 24" on center when open head joints are used, and no more than 16" on center when round tubes are used.

### MEMBRANE PROTECTION

All membrane material should be covered as soon as practical and in no case exceed 60 days.

#### \*\* WARNINGS AND HAZARDS

TWP-1 contains combustible solvents. Avoid exposure to sparks, open flame, heat, and other forms of ignition. Use in well ventilated areas. Avoid breathing vapors. Refer to MSDS for detailed product information and warnings.

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