

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, exterior gypsum sheathing, felt-faced and foil-faced polyisocyanurate foam insulation, OSB 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 12", 18", 24", and 36" 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.
- 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
Product Thickness	40 mil

Roll Width	Roll Size	Coverage per Ctn.	Rolls per ctn.
12"	12" x 75'	225 sq. ft.	3
18"	18" x 75'	225 sq. ft.	2
24"	24" x 75'	150 sq. ft.	1
36"	36" x 75'	225 sq. ft.	1 roll/wrapper

*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) ¹	-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)

¹ 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.

TW-THRU WALL FLASHING

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

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

Cracks greater than 1/16" in width must 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 must be taken to be sure that the surface is smooth, clean, and dry.

PRIMING

Priming is generally not required for most substrates provided they are clean and dry. However, on concrete, masonry, DensGlass® and Dens Glass Gold® as well as any additional surfaces where adhesion is found to be marginal, prime the surface receiving flashing with the appropriate primer, TWP-1 Quick Dry Primer ** or TWP-2 Water-Based Primer at the designated coverage rate according to primer application instructions for specified weather conditions. DO NOT USE TWP-1 Quick Dry Primer on EPS / XPS or ICF surfaces.

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 must 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, must have a term bar or counter flashing installed at the head and a bead of TWM-1 Mastic must be applied to all terminations.

Weep holes must 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 must 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.

Information included in this product data sheet was current at time of printing. To obtain a copy of the most current version of this product data sheet, visit us online at tamko.com or call us at 800-641-4691.

This product is covered by a 5-year limited warranty. For information regarding or a copy of TAMKO's limited warranty, contact your local TAMKO representative, visit us online at tamko.com, or call us at 800-641-4691.

tamko.com

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