DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
SECTION: 07 65 00—FLEXIBLE FLASHING

REPORT HOLDER:

TAMKO BUILDING PRODUCTS LLC

EVALUATION SUBJECT:

TW FLASH-N-WRAP® 25 REFLECTIVE SHEET MEMBRANE,
TW FLASH-N-WRAP® 40 REFLECTIVE SHEET MEMBRANE,
TW MOISTUREWRAP, AND TW FLASH-N-WRAP® PRO

“2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence”
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1.0 EVALUATION SCOPE
Compliance with the following codes:
- 2018, 2015, and 2012 International Residential Code® (IRC)

Property evaluated:
Water resistance

2.0 USES
TW Flash-N-Wrap® 25 Reflective Sheet Membrane, TW Flash-N-Wrap® 40 Reflective Sheet Membrane, TW Moisture Wrap, and TW Flash-N-Wrap® Pro are pressure-sensitive, self-adhering, cold-applied flashing membranes used as flashing around windows, frames, door frames and wall penetrations, with the materials and substrates noted in Sections 5.3 and 5.4. Use as a flashing material is recognized for Type V construction under the 2012 IBC and in non-fire-resistance-rated construction under the IBC and IRC. Under the 2018 and 2015 IBC, the flashing material is permitted for use on exterior walls of buildings of all construction types where the flashing is used with fenestration products in accordance with 2018 IBC Section 1402.5 (2015 IBC Section 1403.5).

3.0 DESCRIPTION

3.1 TW Flash-N-Wrap® 25 Reflective Sheet Membrane:
TW Flash-N-Wrap® 25 is a flexible, self-adhering, rubberized asphalt sheet membrane with a nominal thickness of 0.025 inch (0.64 mm). The membrane is available in 100-foot (30.5 m) rolls that are factory pre-cut to widths of 4, 6, 9, 12, and 18 inches (102, 152, 229, 305 and 457 mm). The membrane is black with a reflective aluminum film on the exterior surface, and a release film on the adhesive side.

3.2 TW Flash-N-Wrap® 40 Reflective Sheet Membrane:
TW Flash-N-Wrap® 40 is a flexible, self-adhering, rubberized asphalt sheet membrane with a nominal thickness of 0.040 inch (1.02 mm). The membrane is available in 36-inch-wide-by-75-foot-long (914 mm by 22.9 m) rolls. The membrane is also available in factory pre-cut widths of 9 and 12 inches (229 and 305). The membrane is black with a reflective aluminum film on the exterior surface, and a release film on the adhesive side.

3.3 TW Moisture Wrap:
TW Moisture Wrap is a flexible, self-adhering, rubberized asphalt sheet membrane with a nominal thickness of 0.040 inch (1.02 mm). The membrane is available in 36-inch-wide-by-75-foot-long (914 mm by 22.9 m) rolls. The membrane is also available in factory pre-cut widths of 4, 6, 9, 12, 18, and 24 inches (102, 152, 229, 305, 457, and 610). The membrane is black with a polymeric film on the exterior surface and a release film on the adhesive side.

3.4 TW Flash-N-Wrap® Pro:
TW Flash-N-Wrap® Pro is a flexible, self-adhering, rubberized asphalt flashing membrane with a nominal thickness of 0.025 inch (0.64 mm). The membrane is available in 100-foot (30.5 m) rolls that are factory pre-cut to widths of 4, 6 and 9 inches (102, 152 and 229 mm). The membrane is black with a white acrylic coated aluminum surface film and a removable treated release film on the adhesive side.

4.0 DESIGN AND INSTALLATION
Installation of the products described in this report must comply with this report and the manufacturer’s published installation instructions. The installation instructions must be available at the jobsite at all times during installation.

The surfaces to which the membranes are applied must be dry and free of frost, dust and dirt, loose nails, and other protrusions. Contact of the adhesive surface with foreign matter that may affect the bond to the substrate must be avoided. The ambient air, membrane, and substrate temperatures must be at or above 40°F (4.4°C) at the time of application.

The membrane is applied around wall penetrations in the manner described in the manufacturer’s published installation instructions and 2018 IBC Section 1404.4.
(2015 and 2012 IBC Section 1405.4) and 2018 and 2015 IRC Section R703.4 (2012 IRC Section R703.8), as applicable. End joints must be overlapped the minimum distance specified in the manufacturer's published installation instructions. The membrane is cut to the desired length and firmly pressed and smoothed out until it conforms tightly to the substrate. Wrinkles or trapped air bubbles must be removed in accordance with the manufacturer's published installation instructions.

5.0 CONDITIONS OF USE

The TAMKO Building Products LLC TW Flash-N-Wrap® 25 Reflective Sheet Membrane, TW Flash-N-Wrap® 40 Reflective Sheet Membrane, TW Moisture Wrap, and TW Flash-N-Wrap® Pro products described in this report comply with, or are suitable alternatives to what is specified in those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 Installation must comply with this report and the manufacturer's published installation instructions. In the event of conflict between this report and the installation instructions, this report governs.

5.2 The TW Flash-N-Wrap® 25 Reflective Sheet Membrane, TW Flash-N-Wrap® 40 Reflective Sheet Membrane, TW Moisture Wrap, and TW Flash-N-Wrap® Pro must not be installed where they are subject to permanent direct weather exposure.

5.3 Installation of the TW Flash-N-Wrap® 25 Reflective Sheet Membrane, TW Flash-N-Wrap® 40 Reflective Sheet Membrane, and TW Moisture Wrap membranes as a flashing material is limited to use with OSB, wood, insulating concrete form (ICF) systems, aluminum and vinyl-framed flanged windows and door frames and transitions to rigid flashings.

5.4 Installation of the TW Flash-N-Wrap® Pro membrane as a flashing material is limited to use with OSB, wood, masonry, insulating concrete form (ICF) systems, aluminum and vinyl-framed flanged windows and door frames and transitions to rigid flashings.

5.5 The products are limited to use in Type V construction under the 2012 IBC and in structures constructed in accordance with the IRC. Under the 2018 and 2015 IBC, the flashing material is permitted for use on exterior walls of buildings of all construction types, where the flashing is used with fenestration products in accordance with 2018 IBC Section 1402.5 (2015 IBC Section 1403.5).

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Flexible Flashing Materials (AC148), dated July 2017 (Editorially revised May 2018).

7.0 IDENTIFICATION

7.1 The TAMKO Building Products LLC TW Flash-N-Wrap® 25 Reflective Sheet Membrane, TW Flash-N-Wrap® 40 Reflective Sheet Membrane, TW Moisture Wrap, and TW Flash-N-Wrap® Pro described in this report are labeled with the manufacturer’s name (TAMKO Building Products LLC) and address, the product name and the evaluation report number (ESR-2882).

7.2 The report holder's contact information is the following:

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