



October 10, 2019

Technical Bulletin TB-2019-05

I. New ARCA Approved Membrane Flashing Base Sheet – 15 Year Warranty Certificate.

On September 25th, 2019, ARCA Warranty Ltd. approved the addition of the following self-adhesive membrane flashing base sheet in the Fifteen (15) year Warranty Certificate program.

Soprema Sopralene Flam Stick

Changes will be referenced in the ARCA Roofing Application Standards Manual.

II. Removal of oriented strand board (OSB) as an acceptable membrane flashing substrate.

On September 25th, 2019 ARCA Warranty Ltd. approved the following revisions to the ARCA Roofing Application Standards Manual.

BUR 7.1.3.
MB 7.1.3.

EPDM 7.1.3.
TP 7.1.3.

Old Standard

The membrane flashing shall be uniformly supported by and secured to an acceptable, solid substrate. Acceptable substrates consist of minimum 12.7mm (1/2") thick plywood, minimum 11.1mm (7/16") oriented strand board, minimum 6.4mm (1/4") factory-coated glass faced gypsum roof board over wood sheathing, dimensional lumber, smooth concrete, smooth surfaced concrete block or masonry and minimum 22 gauge flat sheet metal.

Revised Standard

The membrane flashing shall be uniformly supported by and secured to an acceptable, solid substrate. Acceptable substrates consist of minimum 12.7mm (1/2") thick plywood, minimum 6.4mm (1/4") factory-coated glass faced gypsum roof board over wood sheathing, dimensional lumber, smooth concrete, smooth surfaced concrete block or masonry and minimum 22 gauge flat sheet metal.



BUR 7.1.5.

Old Standard

With adequate support and backing the accepted substrates for the attachment of the membrane flashing are dimensional wood blocking, minimum 12.7mm (1/2") thick plywood, minimum 11.1mm (7/16") thick oriented strand board, minimum 22 gauge sheet metal flashing, concrete and smooth surfaced concrete block or masonry.

Revised Standard

With adequate support and backing the accepted substrates for the attachment of the membrane flashing are dimensional wood blocking, minimum 12.7mm (1/2") thick plywood, minimum 22 gauge sheet metal flashing, concrete and smooth surfaced concrete block or masonry.

MB 6.4.1.13.b.

Old Standard

When there is a reduced perimeter height, minimum 12.7mm (1/2") primed plywood or 11.1mm(7/16") thick oriented strand board, extending above the surface of the primary membrane base sheet, shall completely cover the 75mm (3") high base sheet extension and the vertical substrate. Minimum #14 corrosion resistant screws, spaced at maximum 300mm (12") centres, shall uniformly attach both the sheathing and base sheet extension to the vertical substrate.

Revised Standard

When there is a reduced perimeter height, minimum 12.7mm (1/2") primed plywood, extending above the surface of the primary membrane base sheet, shall completely cover the 75mm (3") high base sheet extension and the vertical substrate. Minimum #14 corrosion resistant screws, spaced at maximum 300mm (12") centres, shall uniformly attach both the sheathing and base sheet extension to the vertical substrate

These changes will be in effect for jobs bid after November 25th, 2019. Changes will be referenced in the ARCA Roofing Application Standards Manual.



III. Revision of TP Drip Edge Requirements.

On September 25th, 2019 ARCA Warranty Ltd. approved the revision of drip edge terminations for thermoplastic (TP) membranes.

TP 2.2.1.

Old Standard

For conventional design thermoplastic membranes, a metal thermoplastic coated drip edge flashing may be used to finish the perimeter edge of the roofing system.

Revised Standard

For conventional design thermoplastic membranes, the perimeter edge of the roofing system may be completed with a metal thermoplastic coated drip edge flashing. When a galvanized or painted metal drip edge is used, a 150mm (6") thermoplastic pressure sensitive coverstrip shall be installed over the primed substrate.

Changes will be referenced in the ARCA Roofing Application Standards Manual.



IV. New Tremco approved products.

On September 25th, 2019 ARCA Warranty Ltd. approved the addition of three Tremco roofing assemblies and their associated products into the ARCA Warranty Certificate program. These assemblies will be eligible for Five (5) and Ten (10) year ARCA Warranty Certificates when installed in accordance with the ARCA Roofing Application Standards Manual.

Tremco Tremline Protected Membrane (TRA)

- **Tremline Elastomeric Sheeting (TRA),**
- **TremLar LRM-H,**
- 3 plies **Burmesch and Mastic (PolyRoof or Tremlar)** on horizontal and vertical seams of TRA.
- Membrane flashings;
 - o **Tremline Elastomeric Sheeting (TRA),**
 - o **TremLar LRM-V,**
 - o 3 plies **Burmesch and Mastic (PolyRoof or Tremlar)** on horizontal and vertical seams of TRA.

Tremco THERMastic Roof Assembly

- Roof Deck,
- Vapour Retarder,
- ARCA accepted / Tremco Trisotech polyisocyanurate insulation (mechanically attached),
- ARCA accepted / Tremco Trisotech polyisocyanurate insulation (adhered – Tremco LR adhesive),
- ARCA accepted 12.9mm (1/2") HD fibreboard (adhered – Tremco LR adhesive),
- 1 ply **BURMastic Composite Ply HT** adhered in THERMastic adhesive,
- 2 plies **THERMglass Type IV** adhered in THERMastic adhesive,
- Gravel or calcite adhered in floor coat of THERMastic adhesive.
- Membrane flashings;
 - o **Tremline Elastomeric Sheeting (TRA),**
 - o **TremLar LRM-V,**
 - o 3 plies **Burmesch and Mastic (PolyRoof or Tremlar)** on horizontal and vertical seams of TRA.

Tremco BURMastic Roof Assembly

- Roof Deck,
- Vapour Retarder,
- ARCA accepted / Tremco Trisotech polyisocyanurate insulation (mechanically attached),
- ARCA accepted / Tremco Trisotech polyisocyanurate insulation (adhered – Tremco LR adhesive),
- ARCA accepted 12.9mm (1/2") HD fibreboard (adhered – Tremco LR adhesive),
- 3 plies **BURMastic Composite Ply HT** adhered in BURMastic or BURMastic SF adhesive,
- 2 plies **THERMglass Type IV** adhered in THERMastic adhesive,
- Gravel or calcite adhered in floor coat of BURMastic adhesive or flood coat of **Rock-it.**
- Membrane flashings;
 - o **Tremline Elastomeric Sheeting (TRA)**
 - o **TremLar LRM-V,**
 - o 3 plies **Burmesch and Mastic (PolyRoof or Tremlar)** on horizontal and vertical seams of TRA.

Changes will be referenced in the ARCA Roofing Application Standards Manual.