

February 5, 2021

## Technical Bulletin TB-2021-02

### I. New Fall Arrest Anchor Application Standard.

On January 27<sup>th</sup>, 2021 ARCA Warranty Ltd. approved the revision of a 15-Year ARCA Warranty Certificate requirement to permit fall arrest anchors to be waterproofed at the membrane level for all low-slope roofing membranes.

**MB 2.3.1.3.1**  
**TP 2.3.1.5.1**  
**EPDM 2.3.1.5.1**

Existing Standard:

To qualify for an ARCA 15 Year Warranty Certificate:  
All membrane penetrations except roof drains shall be curbed.

New Standard:

To qualify for an ARCA 15 Year Warranty Certificate:  
All membrane penetrations except roof drains **and fall protection anchors** shall be curbed.

These changes will be in effect for jobs bid after March 29<sup>th</sup>, 2021. Changes will be referenced in the ARCA Roofing Application Standards Manual.

### II. New ARCA Approved Soprema base sheet.

On January 27<sup>th</sup>, 2021 ARCA Warranty Ltd. approved the following Soprema self-adhered base sheet for use in the ARCA Warranty Certificate program.

ARCA 5 and 10 year Warranty Certificate

**Soprema Colvent 840**

These changes will be in effect for jobs bid after March 29<sup>th</sup>, 2021. Changes will be referenced in the ARCA Roofing Application Standards Manual.

### III. New Insulated Vent/Enclosure Application Standard.

On January 27<sup>th</sup>, 2021 ARCA Warranty Ltd. approved a new standard recommending the insulated design of vents/enclosures to ensure condensation does not enter the building from the interior of the penetration.

**BUR 2.3.4.5**  
**MB 2.3.4.5**  
**TP 2.3.4.4**  
**EPDM 2.3.4.4**

New Standard:

The design and installation of an insulated vent/enclosure which allows condensation to drain to the exterior of the building is recommended.

These changes will be in effect for jobs bid after March 29<sup>th</sup>, 2021. Changes will be referenced in the ARCA Roofing Application Standards Manual.

### IV. New Insulation Standard.

On January 27<sup>th</sup>, 2021 ARCA Warranty Ltd. approved a revision to clarify the permitted materials to be used when filling gaps in insulation for all low-slope roofing membranes.

**BUR 5.3.2**  
**MB 5.3.2**  
**TP 5.2.2**  
**EPDM 5.2.2**

Existing Standard:

Insulation boards shall be tightly butted together and installed in a staggered pattern. Sloped or tapered insulation may be installed in a soldier or staggered pattern. Gaps at board joints greater than 6.4mm (1/4") in width shall be filled with insulation.

Revised Standard:

Insulation boards shall be tightly butted together and installed in a staggered pattern. Sloped or tapered insulation may be installed in a soldier or staggered pattern. Gaps at board joints greater than 6.4mm (1/4") in width shall be filled ***the full depth of the insulation gap with polyurethane spray foam (SPF) or the same insulation as used in the assembly.***

These changes will be in effect for jobs bid after March 29<sup>th</sup>, 2021. Changes will be referenced in the ARCA Roofing Application Standards Manual.

## V. Revised Protected Membrane Assembly Filter Fabric Standard.

On January 27<sup>th</sup>, 2021 ARCA Warranty Ltd. approved a revision to clarify the placement and termination of the filter fabric in a protected membrane assembly.

**BUR 9.6.4**

**MB 9.6.4**

**TP 9.6.4**

Existing Standard:

An acceptable filter fabric must be installed over the insulation when using gravel ballast.

New Standard:

An acceptable filter fabric must be installed over the insulation when using gravel ballast. ***Filter fabric shall extend up any membrane flashing and be placed under metal flashing where metal flashing is required.***

These changes will be in effect for jobs bid after March 29<sup>th</sup>, 2021. Changes will be referenced in the ARCA Roofing Application Standards Manual.