



December 17, 2018

Technical Bulletin TB-2018-04

I. Revised MB Drainage Standard.

On November 28th, 2018 ARCA Warranty Ltd. approved the following revision to the ARCA Roofing Application Standards Manual.

MB 2.3.9.3.

Old Standard

Alternatively, a cast drain may be flashed and sealed with a sand surfaced, polyester reinforced SBS Modified Bituminous membrane in lieu of a lead sheet. The minimum size of the membrane reinforcement ply shall be 762mm square (30" x 30"), centred over the drain, and fully adhered to the surface of the base sheet (sans poly film) and drain hopper flange with compatible elastomeric mastic. The SBS membrane reinforcement ply and membrane cap sheet shall be trimmed to the inside edge of the drain bowl. The drain clamping ring shall firmly set the waterproof seal to the drain hopper flange.

Revised Standard

Alternatively, a cast drain may be flashed and sealed with a polyester reinforced SBS Modified Bituminous membrane in lieu of a lead sheet. The minimum size of the membrane reinforcement ply shall be 762mm square (30" x 30"), centred over the drain, and fully adhered to the surface of the base sheet (sans poly film) and drain hopper flange with compatible elastomeric mastic for a minimum of 150mm (6") past the inside edge of the drainage flange. The SBS membrane reinforcement ply and membrane cap sheet shall be trimmed to the inside edge of the drain bowl. The drain clamping ring shall firmly set the waterproof seal to the drain hopper flange.

These changes will be in effect for jobs bid after February 26th, 2019. Changes will be referenced in the ARCA Roofing Application Standards Manual.



II. Revised Vapour Retarder application standard.

On November 28th, 2018 ARCA Warranty Ltd. approved the following revision to the ARCA Roofing Application Standards Manual.

BUR 4.1.1.

MB 4.1.1.

EPDM 4.1.1.

TP 4.1.1.

Old Standard

ARCA Warranty Ltd. requires the use of a vapour retarder membrane for conventional or combination design modified bituminous roofing assemblies, when a Warranty Certificate is to be issued. When a complete roof system, including the existing insulation is being replaced, a vapour retarder is required for the issuance of the Warranty Certificate.

Revised Standard

ARCA Warranty Ltd. requires the use of a vapour retarder membrane for insulated conventional or combination design modified bituminous roofing assemblies, when a Warranty Certificate is to be issued. When a complete roof system, including the existing insulation is being replaced, a vapour retarder is required for the issuance of the Warranty Certificate.

These changes will be in effect for jobs bid after February 26th, 2019. Changes will be referenced in the ARCA Roofing Application Standards Manual.



III. Vapour Retarder Requirements – 15 Year WC

On November 28th, 2018 ARCA Warranty Ltd. approved the following revision to the ARCA Roofing Application Standards Manual.

MB 4.1.5.
EPDM 4.1.5.
TP 4.1.5.

Old Standard

To qualify for an ARCA 15 Year Warranty Certificate, a fully adhered vapour retarder is required.

Revised Standard

To qualify for an ARCA 15 Year Warranty Certificate, a self-adhered or thermally fused vapour retarder is required.

These changes will be in effect for jobs bid after February 26th, 2019. Changes will be referenced in the ARCA Roofing Application Standards Manual.



IV. Revised Vegetated Roof Application Standards

On November 28th, 2018 ARCA Warranty Ltd. approved the removal of the following standard from the ARCA Roofing Application Standards Manual.

MB 11.1.8.

TP 11.1.8.

Old Standard

A licensed design professional (i.e. structural engineer) must provide written confirmation to the owner the structure and deck will support a fully saturated vegetated roof system for dead loads and environmental live loads in accordance with local building codes.

In addition, on November 28th, 2018 ARCA Warranty Ltd. approved the following revision to the ARCA Roofing Application Standards Manual.

MB 11.4.2.

TP 11.4.2.

Existing Standard

The roof membrane system below the vegetated roof cover shall meet or exceed the designed wind uplift resistance for the building type and location (See link to Wind-RCI Calculator on ARCA website). The roof membrane manufacturer shall confirm system application requirements to meet design wind loads for the building location.

New Standard

The roof membrane system below the vegetated roof cover shall meet the standards as set up by the authority having jurisdiction.

These changes will be in effect for jobs bid after February 26th, 2019. Changes will be referenced in the ARCA Roofing Application Standards Manual.