



April 30, 2020

Technical Bulletin TB-2020-02

I. Revisions to Built-Up Roofing (BUR) Application Standards.

On April 8th, 2020, ARCA Warranty Ltd. approved revisions to the Built-Up Roofing (BUR) application standards to allow for a modified built-up roof consisting of two (2) plies of modified bituminous membranes adhered with an interplay application of hot bitumen. Changes are reflected in standards;

BUR 6.1	General
BUR 6.3.1.1.2	Asphalt Application
BUR 6.3.2.3	Modified Bituminous Membranes

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

II. Revisions to Modified Bituminous (MB) Application Standards.

On April 8th, 2020, ARCA Warranty Ltd. approved several revisions to the Modified Bituminous (MB) application standards to allow different application methods of both base sheet and cap sheet membranes. New standards have been introduced for:

MB 6.3.2	Modified Bituminous Adhesives
MB 6.4.1.2	Bitumen Applied Membrane Base Sheets
MB 6.4.1.3	Mechanically Fastened Membrane Base Sheets
MB 6.4.1.4	Adhesive Applied Membrane Base Sheets
MB 6.4.1.5	Torch Applied Membrane Base Sheets
MB 6.4.1.6	Self-Adhered Membrane Base Sheets
MB 6.4.3.2	Adhesive Applied Membrane Cap Sheets
MB 6.4.3.3	Self-Adhered Membrane Cap Sheets

Changes will be referenced in the ARCA Roofing Application Standards Manual and the ARCA Approved Products Listing.



III. Revisions to Application Standards for Temperature Limitations.

On April 8th, 2020, ARCA Warranty Ltd. approved a revision to the terminology in the standards related to the application temperature limitations and wind chill. Revisions have been made to standards:

- BUR 6.1.4.**
- MB 6.1.5.**
- EPDM 6.1.3.**
- TP 6.1.4.**

Old Standard

Application of <roofing systems> must not be undertaken when the air temperature at roof level is colder than -18°C and a wind velocity of more than 14.5 km/h, or an equivalent wind chill factor of 1300. <Roofing systems> shall not be applied during periods of rain, snow or similar moisture conditions

New Standard

Application of <roofing systems> must not be undertaken when the air temperature at roof level is colder than -18°C and a wind velocity of more than 14.5 km/h, or an equivalent wind chill of -26°C. <Roofing systems> shall not be applied during periods of rain, snow or similar moisture conditions

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

IV. Revisions to Modified Bituminous (MB) plumbing vent flashings.

On April 8th, 2020, ARCA Warranty Ltd. approved revisions to the Modified Bituminous (MB) application standards, removing the acceptance of membrane level plumbing vent flashings.

Old Standard

MB 2.3.3.1

Plumbing vents penetrating the roofing system, that are not curbed, may be waterproofed with a lead flashing, a conical one-piece aluminum flashing or a pre-approved specialty device designed for this purpose.

New Standard

MB 2.3.3.1

Plumbing vents penetrating the roofing system, that are not curbed, may be waterproofed with a conical one-piece aluminum flashing or a pre-approved specialty device designed for this purpose.

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



V. Revisions to Modified Bituminous (MB) plumbing vent flashings.

On April 8th, 2020, ARCA Warranty Ltd. approved revisions to the Modified Bituminous (MB) application standards to allow the use of stainless-steel roof drains.

Old Standard

MB 7.3.8.1

Retrofit drains shall be of one-piece copper or aluminum construction incorporating a minimum 150 mm (6”) wide integral metal flashing flange.

New Standard

MB 7.3.8.1

Retrofit drains shall be of one-piece copper, aluminum or stainless-steel construction incorporating a minimum 150 mm (6”) wide integral metal flashing flange

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

VI. Revisions to Asphalt Shingle (SS) Standards.

On April 8th, 2020, ARCA Warranty Ltd. approved several revisions to the Asphalt Shingle (SS) application standards updating references to the National Building Code – Alberta Edition, Canadian Standards Association (CSA) material standards and American Society for Testing and Materials (ASTM) material standards.

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

VII. Revisions to Asphalt Shingle (SS) Standards.

On April 8th, 2020, ARCA Warranty Ltd. approved an addition to the Asphalt Shingle (SS) application standards to prohibit drainage from an upper roof area over a lower roof area.

New Standard

SS 2.1.1.6

An upper asphalt shingled roof area shall not drain directly on a lower asphalt shingled roof area. Drainage shall be diverted using downspouts, diverters and/or gutters.

This change will be in effect for jobs bid after June 8, 2020. Changes will be referenced in the ARCA Roofing Application Standards Manual.