



October 20, 2017

Technical Bulletin TB-2017-07

I. Revised Rooftop Terrace application standards.

On October 4th, 2017 ARCA Warranty Ltd. approved the following revisions to the ARCA Roofing Application Standards Manual.

1. Thermoplastic (TP) membranes shall have a separator sheet installed between the TP membrane and the asphaltic coreboard.

Old Standard

TP 6.8.1., TP 9.8.1.

Roof Terraces are to be installed over a minimum 6.4mm (1/4") asphalt impregnated core board membrane protection layer.

Revised Standard

TP 6.8.1., TP 9.8.1.

Roof Terraces are to be installed over a minimum 6.4mm (1/4") asphalt impregnated core board membrane protection layer installed over a separator sheet.

2. Roof Terraces installed over modified bituminous, EPDM or TP membranes shall be installed over a High Density coverboard to protect against point and concentrated loads.

Old Standard

MB 6.7.2., MB 9.8.2., TP 6.8.2., TP 9.8.2.

The designer must take into consideration the compressive strength of the underlying materials to prevent damage to the insulation and roofing membrane from spot loads which may exceed design limits.

Revised Standard

MB 6.7.2., MB 9.8.2., EPDM 6.9.2., TP 6.8.2., TP 9.8.2.

The designer must take into consideration the compressive strength of the underlying materials to prevent damage to the insulation and roofing membrane from point loads and concentrated loads in excess of 113kg. (250 lbs.) which may exceed design limits. It is recommended that an ARCA approved HD coverboard is installed under the membrane for additional protection.



3. Roof Terraces are to be installed in a way to keep the roofing membrane serviceable.

Old Standard

MB 6.7.4., MB 9.8.4., TP 6.8.4., TP 9.8.2.

The cost to remove and replace the roof terrace material to facilitate access to the roof membrane for investigation and repair of workmanship related leaks is included however; it is the responsibility of the building owner to cover costs for removal and replacement of items that were not installed by the roofing contractor.

Revised Standard

MB 6.7.4., MB 9.8.4., EPDM 6.9.4., TP 6.8.4., TP 9.8.4.

The cost to remove and replace the roof terrace material to facilitate access to the roof membrane for investigation and repair of workmanship related leaks is included however; it is the responsibility of the building owner to cover costs for removal and replacement of items that were not installed by the roofing contractor. It is recommended that the design of the roof terrace incorporate future service and maintenance requirements.

4. Roof terraces can be installed over a mechanically fastened or fully adhered EPDM membrane when installed over a HD coverboard.

New Standard

EPDM 6.9 Roof Terraces

EPDM 6.9.1. Roof Terraces are to be installed over a minimum 6.4mm (1/4") asphalt impregnated core board membrane protection layer installed over a separator sheet.

EPDM 6.9.2. The designer must take into consideration the compressive strength of the underlying materials to prevent damage to the insulation and roofing membrane from point loads and concentrated loads in excess of 113kg. (250 lbs.) which may exceed design limits. It is recommended that an ARCA approved HD coverboard is installed under the membrane for additional protection.

EPDM 6.9.3. Roof areas with roof terraces are eligible for five (5) or ten (10) year Warranty Certificates only.

EPDM 6.9.4. The cost to remove and replace the roof terrace material to facilitate access to the roof membrane for investigation and repair of workmanship related leaks is included however; it is the responsibility of the building owner to cover costs for removal and replacement of items that were not installed by the roofing contractor. It is recommended that the design of the roof terrace incorporate future service and maintenance requirements.

EPDM 6.9.5. Roof leaks as the result of membrane damage due to the work and activities of others, maintenance or from contaminants are not covered under the Warranty Certificate.

These changes will be in effect for jobs bid after December 4th, 2017. Changes will be referenced in the ARCA Roofing Application Standards Manual.



II. ARCA membership changes

Effective October 4, 2017 Certainteed is no longer a member of the Alberta Roofing Contractors Association. All asphalt shingles manufactured by Certainteed were removed from the listing of ARCA accepted asphalt shingles on July 2, 2017.

Effective October 4, 2017 Johns Manville is no longer a member of the Alberta Roofing Contractors Association. All isocyanurate roof insulation, mineral fibre roof insulation and high density polyisocyanurate cover board were removed from the listing of ARCA accepted insulation and overlay products on July 2, 2017.