



October 10, 2018

Technical Bulletin TB-2018-03

I. Revised Membrane Protection application standards.

On October 3rd, 2018 ARCA Warranty Ltd. approved the following revisions to the ARCA Roofing Application Standards Manual.

BUR 6.5.2
MB 6.5.2.
MB 11.1.7.
EPDM 6.7.2.
TP 6.6.2.
TP 11.1.7.

Old Standard

For roof mounted equipment exceeding 91kg (200 lbs.) in mass or when roof loads exceed 5 kPa (105 PSF), they shall be supported on structural curbs, structural sleepers or structural pedestals attached to the structure or decking that extend a minimum distance of 200mm (8") above the finished roof surface. Roof mounted equipment includes antennae, signs, service lines, skylights, hatches and walkways. For new construction where H.V.A.C. equipment is elevated above the roof membrane, a minimum clearance of 300mm (12") shall be provided beneath the equipment to permit installation of the roofing system. Equipment supports shall be designed by a structural engineer and shall conform to the Alberta Building Code.

Revised Standard

For roof mounted equipment exceeding 91kg (200 lbs.) in mass or when roof **point** loads exceed 5 kPa (105 PSF), they shall be supported on structural curbs, structural sleepers or structural pedestals attached to the structure or decking that extend a minimum distance of 200mm (8") above the finished roof surface. Roof mounted equipment includes antennae, signs, service lines, skylights, hatches and walkways. For new construction where H.V.A.C. equipment is elevated above the roof membrane, a minimum clearance of 300mm (12") shall be provided beneath the equipment to permit installation of the roofing system. Equipment supports shall be designed by a structural engineer and shall conform to the Alberta Building Code.

These changes will be in effect for jobs bid after December 3rd, 2018. Changes will be referenced in the ARCA Roofing Application Standards Manual.



II. Revised Membrane Protection application standards.

On October 3rd, 2018 ARCA Warranty Ltd. approved the following revisions to the ARCA Roofing Application Standards Manual.

BUR 6.5.3.
MB 6.5.3.
EPDM 6.7.3.
TP 6.6.3.

Old Standard

Equipment loads maximum 91kg (200 lbs.) in mass, may be supported by free floating sleepers or support pads loose laid over the roofing system. Free floating sleepers shall be pressure preservative treated wood, pre-cast concrete, metal or specialty product. Free floating sleepers and pads shall be placed on a minimum 25mm (1") thick layer of Type 4 insulation attached to the base of the supports without the use of mechanical fasteners. A ply of mineral surfaced cap sheet applied to the primary membrane may be substituted for the Type 4 insulation protection layer.

Revised Standard

Equipment loads maximum 91kg (200 lbs.) in mass, may be supported by free floating sleepers or support pads loose laid over the roofing system. Free floating sleepers shall be pressure preservative treated wood, pre-cast concrete, metal or specialty product. Free floating sleepers and pads shall be placed on a minimum 25mm (1") thick layer of **Type 4 extruded polystyrene insulation with a minimum compressive strength of 240 kPa (35 psi)** attached to the base of the supports without the use of mechanical fasteners. A ply of mineral surfaced cap sheet applied to the primary membrane may be substituted for the Type 4 insulation protection layer.

These changes will be in effect for jobs bid after December 3rd, 2018. Changes will be referenced in the ARCA Roofing Application Standards Manual.



III. Approved Products - Soprema

ARCA Warranty Ltd. is pleased to confirm that the following roofing products have been reviewed, approved, and will be eligible for inclusion in the ARCA five (5), ten (10) and fifteen (15) Year Warranty program for jobs bid after October 3, 2018.

Soprema extruded polystyrene insulation

- Sopra XPS 35
- Sopra XPS 40
- Sopra XPS 60

IV. Approved Products – Owens Corning

ARCA Warranty Ltd. is pleased to confirm that the following roofing product has been reviewed, approved, and will be eligible for inclusion in the ARCA five (5) Year Warranty program for jobs bid after October 3, 2018.

Owens Corning

- TruDefinition® Duration® Storm Shingles with SureNail® Technology