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Technical Bulletin

Modified Bitumen Membrane Flashing Application at Vertical Projections

It has come to ARCA Warranty Ltd's attention that there may be some confusion regarding modified bitumen membrane flashing application requirements at vertical roof projections, including cant edged roof perimeter details.

ARCA Warranty Ltd's application standards require that the primary membrane base and cap sheet plies terminate at the base of vertical projections or the toe of the cant, when cant strips are used.

The membrane flashing minimum requirements are outlined in Modified Bituminous Roofing Section 7, Clause 7.3, Installation Procedure. For most applications, ARCA Warranty Ltd. requires that the membrane flashing be comprised of a minimum of two (2) flashing plies, a separate membrane flashing base sheet ply and a separate membrane flashing cap sheet ply. These membrane flashing plies shall be applied in roll width sections, using the "fingering" application method, onto the prepared horizontal primary membrane plies.

At vertical projections, unless otherwise approved by ARCA Warranty Ltd., membrane flashing application over combustible substrates requires the application of a fire prevention tape and a self-adhering modified bitumen membrane flashing base sheet. Please refer to the G.R.P. Manual, Figure 1, shown on page MB 7- 3, that illustrates the modified bitumen membrane flashing installation requirements.

Please feel free to contact ARCA administration should further assistance be required with ARCA Warranty Ltd.'s modified bitumen membrane flashing installation minimum requirements.