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## **Technical Bulletin**

# **Alternate Laminated Base Sheet Membrane Flashing**

The following application standards are added to the Manual.

### **MB-7.3.5.3 Laminated Base Sheet Membrane Flashing**

- .1 The S.B.S. membrane flashing may be comprised of asphalt core board 3mm or 4.75mm (1/8" or 3/16") with a factory laminated, polyester reinforced SBS modified bitumen membrane and a field applied, thermally-fused accepted membrane cap sheet flashing.
- .2 Accepted laminated base sheets shall be applied in maximum 900mm (3 ft.) panel width sections with self-sealing side laps when formed and mechanically fastening to cover combustible substrates.
- .3 Prior to installing the cover board, fire prevention tape shall be applied at bottom junction of the parapet or curb, the vertical spine at corners, and where abutted board joints require it a torched membrane cover strip.
- .4 To prepare panel board sections for application of a laminated base sheet, score the board to coincide with top transition of the parapet. Heat and fold the prepared cover board panel sections to completely cover the combustible substrate.
- .5 Extend laminated base sheet to exterior edge of parapet and down minimum 50mm (2") or install flush to exterior edge of parapet and install self-adhering membrane overlapped onto the cover board membrane face a minimum of 75 mm (3") and a minimum 50mm (2") down the exterior vertical face or to completely cover parapet wood blocking.
- .6 The prepared laminated base sheets shall be fastened to the nailable substrate with minimum 25 mm (1") diameter round top roofing nails placed at a maximum 150 mm (6") centres in the side

laps and along the top and bottom of each panel or 200 mm (8") spacing with screws and plates. The bottom row of fasteners shall be placed no lower than 50 mm (2") above the primary membrane surface. To secure the balance of the laminated base sheet, additional fasteners shall be spaced vertically at maximum 200 mm (8") centres at mid-span of the cover board panel.

- .7 Complete the membrane flashing base sheet application by torch adhering a maximum 1000mm (39") wide strips of the polyester reinforced SBS modified bitumen membrane to act as the membrane flashing tie-in between the laminated base sheet and primary membrane base sheet. Thermally fuse (torch) the membrane flashing tie-in strip so it extends a minimum distance of 100 mm (4") onto the surface of both the laminated base sheet and primary membrane base sheet membranes.
- .8 An accepted thermally fused polyester reinforced SBS modified bitumen membrane cap sheet flashing shall be uniformly torch-applied to the cover board membrane, and lap onto the primary membrane cap sheet in accordance with ARCA Warranty Ltd. application standards.