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TECHNICAL BULLETIN

Asphalt Coreboard Application Procedure for Torch Adhered Modified Bitumen Membrane Flashing

For Certificate of Assurance issuance, the application of an asphalt coreboard underlay / covering, heat formed and fastened over combustible substrates permits the application of a torch adhered two ply modified bitumen membrane flashing.

The following procedure does not replace the use of self-adhering membrane flashing base sheets as outlined in the minimum requirement but provides the roofing contractor with an alternate method for modified bitumen membrane flashing application over combustible substrates as follows:

Cut minimum 3mm (1/8") thick asphalt coreboard sheets to length in maximum 1200mm (4 ft.) wide widths allowing for a minimum 75mm (3") wide side lap.

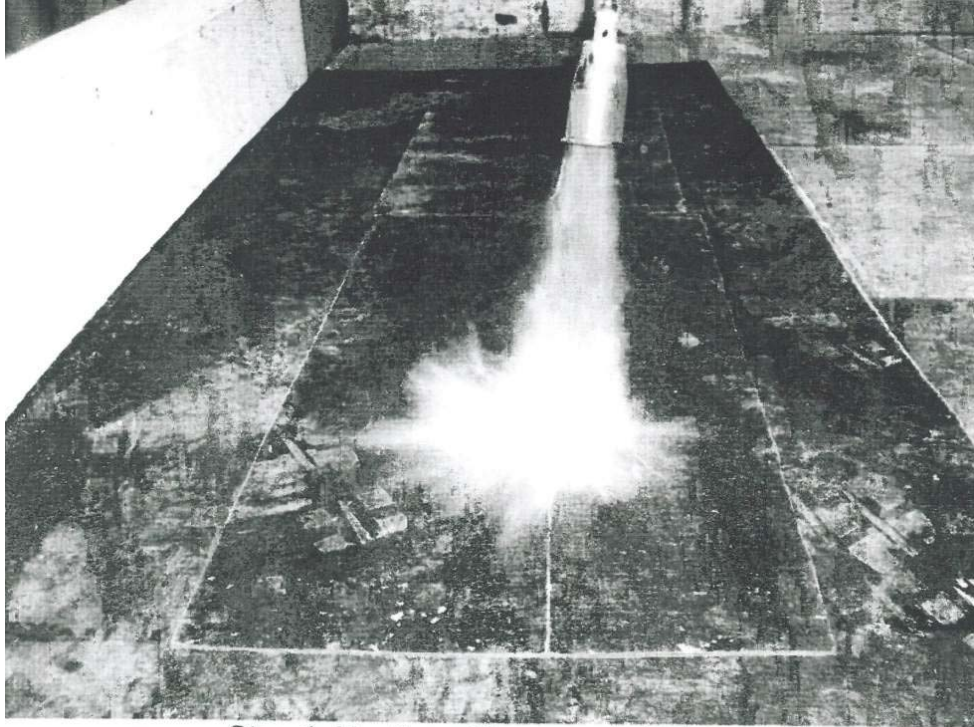
Away from any combustible surfaces, heat the back of the prepared coreboard panel in the area to be bent. Place the heated panel against the vertically up-stand and bend it horizontally until it conforms tightly to the parapet's profile. Heat form additional coreboard panels in a similar manner to completely cover all combustible surfaces.

Gaps, cracks and voids formed at inside / outside corners and at the primary membrane base sheet board junction must be covered with fire prevention tape prior to the attachment of the coreboard panels.

Place the heated formed coreboard panels over the combustible substrate with side laps overlapping a minimum distance of 75mm (3"). Fastened each coreboard panel with minimum 25mm (1") diameter round top nails placed at maximum 150mm (6") centres in the side laps and along the bottom of each panel. The round top nails securing the bottom of each coreboard panel shall be placed no lower than 50mm (2") above the surface of the primary membrane base sheet. The field of the asphalt core board shall be fastened to an ARCA accepted substrate with round top nails placed at a minimum spacing of one (1) fastener per one (1) square foot of surface area. Add additional round top nails where coreboard attachment is in doubt.

The two ply torch membrane flashing shall be adhered in accordance with the application standards outlined in the Modified Bitumen minimum requirements.

Please see attached drawing and photographs that illustrates the coreboard application procedure.



Step 1: Heating of the area to be bent.



Step 2: Installation on the parapet.



Step 3: Bending the board.



Step 3: Final fitting.

