

February 28, 2008

TECHNICAL BULLETIN

PERIMETER ANCHORAGE FOR BITUMEN ADHERED

MODIFIED BITUMEN PRIMARY MEMBRANE BASE SHEETS

On February 13, 2008 the ARCA Warranty Ltd. Board approved a Technical Committee recommendation to perimeter anchor bitumen adhered modified bitumen primary membrane base sheet applications for issuance of the (5) year Certificate of Assurance.

At the perimeter of each self-contained roof section, a bitumen adhered primary membrane base sheet shall be turned up the vertical substrate a minimum distance of 75mm, be adhered with a mopping of hot bitumen and continuously mechanically attached to an accepted vertical substrate utilizing 25 x 1.1 x 3048mm, AZ 55 Galvalume coated, flat steel bars, pre-punched with 7.0 mm diameter holes located 12.7mm from each end and at 150mm centres for the remainder of their length. Anchor bars shall be attached with minimum #14 fasteners, appropriate for the vertical substrate type, spaced at maximum 300mm centres. The bottom of each anchor bar shall be located no higher than 25mm above the finished primary membrane base sheet surface. A self-adhering modified bitumen membrane flashing base sheet shall be installed in accordance with ARCA Warranty Ltd.'s application standards to cover the anchor system without the use of a compatible primer. Fire prevention tape shall be employed at vertical junctions when removing the base sheet's poly film.

Alternate primary membrane base sheet attachment methods are not accepted.

Roof penetrations, such as curbs, are not affected by this change.

Please see "Perimeter Attachment Detail" shown on the following page.

This application change becomes effective for C of A projects bid after April 15, 2008 and applies to all ARCA Warranty Ltd. accepted modified bitumen membrane manufacturers, Bakor Inc., IKO Industries Ltd., Siplast Canada and Soprema Inc.

PERIMETER ATTACHMENT DETAIL

