



December 6, 2010

TECHNICAL BULLETIN **APPLICATION STANDARDS ADDITIONS**

ASPHALT CORE BOARDS

When approved by the membrane manufacturer for accepted roof insulation other than polyisocyanurate insulation, two (2) layers of minimum 3.0 mm (1/8") thick asphalt core board, either mechanically fastened or adhered with an accepted manufacturer approved polyurethane foam insulation adhesive may be substituted for the secondary insulation layer. Asphalt core board and insulation joints shall be offset a minimum distance of 150 mm (6") from the underlying board joints.

Note:

For polyisocyanurate primary roof insulation, a single layer of minimum 3.0 mm (1/8") thick asphalt core board adhered with hot bitumen or mechanically attached to the structural deck may be substituted for the secondary insulation layer. Asphalt core board attachment using polyurethane foam insulation adhesive is accepted over polyisocyanurate roof insulation when approved by the membrane manufacturer.

PROTECTED MEMBRANE DESIGN RE-ROOFS

When roof drainage slope is less than 1:50 (1/4"/ft.), a five (5) Year Warranty Certificate may be issued for inorganic Protected Membrane Design re-roofs when either the Type 4 expanded polystyrene primary insulation contains drainage channels on its underside or an accepted inorganic drainage mat is placed between the Type 4 primary insulation and the primary membrane.

PRIMARY ROOF INSULATION PRE-SECUREMENT

In addition to the manufacturer's fastening requirements for ARCA Warranty Ltd. accepted mechanically fastened membrane systems, primary insulation boards shall be pre-secured using manufacturer approved fasteners and insulation plates placed 300 mm (12") from the corners of each insulation board.

Note:

Includes IKO's Fast-N-Weld, Soprema's Soprafix and Unilay systems installed over polyisocyanurate primary roof insulation.