

# ARCA Warranty Ltd.

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## **Technical Bulletin**

### **Changes to Minimum Requirements**

The following changes to the minimum requirements were approved by the Board on April 27, 2005 and become effective immediately.

**1) Treated Wood in Roofing Assemblies**

A cautionary note will be added to the minimum requirements stating that there is a potential for corrosion of metal fasteners when using non-C.C.A. (Chromate Copper Arsenate) wood preservatives in a roof assembly.

**2) Asphalt Coreboard**

For Certificate of Assurance issuance, minimum 3mm (1/8") thick asphalt coreboard adhered in hot bitumen or mechanically fastened to the structural decking is an accepted alternate material to coated roofing fiberboard or perlite secondary insulation over polyisocyanurate insulation. Polyiso insulation is the only insulation that is accepted for installation directly beneath the asphalt coreboard covering. All asphalt coreboard manufacturers are included in this acceptance, Soprema, IKO, Bakor, HAL etc.

**3) Knight-Celotex Roofing Fiberboard**

Knight-Celotex coated roofing fiberboard is an accepted roof insulation for Certificate of Assurance issuance.

**4) Membrane Flashing Height**

**The maximum membrane flashing termination height is 1100mm (42") above the primary membrane for conventional insulated roofing designs or the surface of the primary insulation or pavers for protected membrane and combination roof designs.**

**A variance request must be submitted to the Technical Committee when waterproofing parapets and walls greater than 1100mm in height for Certificate of Assurance issuance.**

**The termination height for BUR membrane flashing remains unchanged at a minimum height of 200mm (8") and a maximum distance 450mm (18") height above the primary membrane for conventional insulated designs.**

**For BUR membrane systems please refer to the waterproofing requirements outlined in Item 5 below.**

**5) Waterproofing of Maximum 1100mm High Walls for BUR Systems**

**For BUR membrane systems, a minimum one (1) millimeter thick self-adhering bituminous membrane must be uniformly adhered to an ARCA accepted substrate when waterproofing walls and parapets extending to a maximum height of 1100mm (42"). The self adhering membrane must overlap the upper termination of the BUR membrane flashing as well as cover the vertical substrate and the wood blocking and be mechanically fastened to the exterior face of the wood blocking.**

**6) Scuppers**

**The membrane flashing waterproofing scupper flanges must terminate a minimum distance of 75mm (3") inside the scupper drain opening. The minimum width of field fabricated sheet metal scupper flanges is 100mm (4") wide.**

**Through wall metal scuppers shall be four (4) sided with the upper scupper opening covered with sheet metal and waterproofed in accordance with good roofing practice.**