



NATIONAL
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TECHNICAL DEVELOPMENTS

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INTERIM ALERT BULLETIN

The growing incidence of blistering in roof membranes over some polyurethane and composite polyurethane roof insulation has prompted this alert bulletin to our contractor members and other interested parties.

When the blistering problem develops, critical material characteristics and field factors combine to create degassing and/or vapor release, which can subsequently result in a blistered roof.

The technology of polyurethane and composite polyurethane products is improving. However, until consensus standards for manufacture and application are developed which will assure satisfactory results in the direct application of roof membranes over polyurethane insulation, and based upon the best information available to NRCA, it may be beneficial to install polyurethane insulation in accordance with the following recommendation.

RECOMMENDATION

Over the top surface of the polyurethane insulation, install a thin layer of wood fiberboard, perlite board or glass fiber board insulation, staggering the joints from the layer below, and then apply the roof membrane as specified by the designer.