TO: Hunter Panels Sales Reps, Customers

From: Ed Krusec

Date: January 8, 2014

Hunter Panels is announcing a change in the installation recommendations of the following composite products: H-Shield WF, H-Shield HD Composite CG, H-Shield NB and Cool-Vent.

Effective January 1st, 2014

Hunter Panels recommends that when a foam thickness of 3.5” or greater is required, the installation of a two layer system with staggered joints is installed on the project.

The benefits of multiple layers of rigid board insulation of all types have been well known for years. Industry authorities, including the National Roofing Contractors Association (NRCA), Oak Ridge National Labs (ORNL), Canadian Roofing Contractors Association (CRCA) and the Roof Consultants Institute (RCI), have recognized these benefits; and contractors, designers and specification professionals have followed this long-standing recommendation for the use of multiple insulation layers.

Multiple layered systems have been a common practice even when the overall thickness required did not exceed our previously manufactured 4.5” foam maximum. Multiple layering of polyiso roof insulation with staggered joints in both directions offers a number of advantages, including:

- Reduces the thermal bridging at the insulation joints, resulting in less thermal loss
- Helps in the prevention of moisture from the inside of the building from condensing on the underside of the finished roof surface
- Compensates for the potential of inadequate design considerations
- Although a two layer system may appear to be more labor intensive, many contractors have found that working with a thinner (and lighter) layer of the specialty composite product and a polyiso base layer actually is a faster over-all installed system.
If you have a specification that requires a foam thickness greater than 3.5”, Hunter Panels Technical Department will gladly assist you in determining the best two layer system for your project needs.

Thank you for your support and consideration of this important communication. We appreciate your continued business and look forward to assisting you in the near future.