



POLYISOCYANURATE INSULATION AND MOISTURE

IKOTherm polyisocyanurate roof insulation is manufactured with either organic or inorganic facers, and shipped from our plants with a plastic wrapping. The wrapping can be either a polyethylene stretch wrap in layers, or fully shrouded in a plastic 'bag'. These wrappings are not meant to be suitable for long-term product storage, but rather, afford nominal protection for the product during routine handling and shipping from our plants to the customer. Polyisocyanurate insulation requires weather protection until used, particularly from direct moisture intrusion.

Typical of the polyisocyanurate manufacturing process, IKOTherm is dry when made. Organic facers have approximately 5% moisture by volume, but the foam core contains a negligible amount of water content. Recent observations indicate that if the board is shipped from lower to higher humidity climates through a temperature change, condensation can occur beneath the factory wrapping, manifesting as liquid water on the board facer. This water condensation occurs on the surface of the board only. In fact, organic facers mask this slight moisture level by 'absorbing' the water whereas other facers may show liquid water beading up on the surface. Providing dry weather conditions, water can be eliminated through the normal cycle of drying. Where weather conditions may not allow the boards to dry naturally, appropriate measures to dry the boards will be required.

It is important to note that ambient weather conditions are the cause of condensation within the factory packaging. Such conditions are beyond the control of the manufacturer. Customers are encouraged to heed handling and storage procedures published by IKO and the insulation industry generally, in order to at least help minimize this condition.

For additional information on any of IKO's products or application requirements, visit us on the web at www.iko.com (North America), or contact us in Canada/United States at 1-800-361-5836 (press "1" for English and "2" for our Technical Support Department).