When applied to the underside of the roof deck, BASF closed-cell spray polyurethane foam material has various characteristics to provide a sealed roof deck and secondary water barrier performance, including the following test results in ICE-ESR-2642:

**Defined as an air impermeable insulation at 1”, in accordance with ASTM E96 test results.**

- Controlled Air Permeability + Controlled Bulk Water Entry = Sealed Roof Deck
- Defined as a water-resistive barrier at 1”, in accordance with ACP (Acceptance Criteria for a Foam Plastic Used as Water-Resistive Barriers) test results

- Controlled Moisture Permeability + Controlled Bulk Water Entry = Secondary Water Barrier

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**Sample Project - BASF Disaster Durable Solutions**

Applicator shown gluing the rafters, gable ends and roof deck using the full fill method. This application method will provide insulation value and condensation control.