Rigid Insulation

Numerous types of rigid insulation are now in use, and may be made from expanded polystyrene beads, rigid urethane laminate, low density fiberboard, or from fast-setting liquids poured on-site. They vary in thickness up to more than 2”, as well as in length and width depending upon the manufacturer. All these types are efficient insulators and are usually of sufficient density to hold the weight of a normal roofing material without the need for lumber bridging. If you live in an area where snowfall is prevalent, please consult your local building official for snow load requirements.

If shingles are applied over insulation and ventilation is required, nailing strips may be applied under shingles (see Figure 23b on page 19). For areas of high humidity Certi-Last® preservative treated product is recommended.

Figure 19: Specialty Roof Deck-Panels Over Insulation

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