

**DIRECT APPLICATION OF
ASPHALT SHINGLES OVER
INSULATION OR INSULATED DECKS**

With today's high cost of energy and the emphasis placed on energy conservation, many homeowners, when replacing their shingles, are applying insulation over the existing roof and then applying asphalt shingles directly over insulation.

Asphalt roofing manufacturers recommend **against** this practice for the following reasons:

1. Shingles may be damaged or punctured when nailed onto a non-rigid surface.
2. The nail-holding power of shingles applied directly over insulation may not be adequate, leaving shingles prone to wind blowoff.
3. Due to the insulation preventing heat dissipation underneath the shingles, heat build-up may accelerate the weathering and reduce the life of the roof.
4. Fire ratings, especially on Class A fiber glass shingles, may be affected. Individual systems should be checked with the manufacturer for an appropriate fire rating.
5. Proper ventilation is impossible to accomplish when applying shingles directly over insulation.

Remember, for insulated decks it is recommended that a flow-through ventilated air space be provided between the top of the insulation and the nailable deck to assist in heat and vapor dissipation.

For additional guidelines, see "Give Your Attic A Breath of Fresh Air." Send \$1.00 and a self-addressed stamped envelope to the American Society of Home Inspectors, Inc., 1010 Wisconsin Avenue, N.W., Suite 630, Washington, D.C. 20007. Further information may be found in the "Residential Asphalt Roofing Manual," published by the Asphalt Roofing Manufacturers Association, 6288 Montrose Road, Rockville, Maryland 20852.