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EPS Insulation in above roof deck applications will achieve greater energy savings than other much less effective methods.

An important study by Oak Ridge National Laboratories (www.ornl.gov – search –Next Generation Roofs and Attics for homes) shows an 85% reduction in heat transfer with the use of EPS foam insulation. (see p. 1-182 last paragraph and chart 1-183) Effective use of EPS Insulation will help California meet our Energy Goals.

Wedge-It Thermal Barrier installed directly under roofs dramatically reduces thermal transfer from roofs into attic space. Improving attic temperatures improves the efficiency of HVAC units by reducing loss from ducts run through attics. Improving attic temperatures improves the efficiency of ceiling insulation and reduces adverse temperature transfer into living space. Wedge-It will reduce the amount of energy used for air conditioners and heating to reduce utility costs and improve our environment.

A large move in the roofing industry is to reinstall existing roof tiles over new waterproof underlayments to prevent leaks. There are a very large number of existing homes built prior to new energy standards and is an excellent time to upgrade the existing roofs with the use of Wedge-It to meet energy goals.

Adding above deck insulation to calculations and simulation engines will add to awareness of EPS as a valuable insulation and energy efficient product.

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