

# PASSIVE SOLAR DETAILS

- The house has icynene insulation. Icynene is highly effective, blown-in foam insulation that fills gaps and reduces sound. You can see an example of this insulation in the unfinished upstairs storage room.
- The house has extra-wide overhangs to help block the sun during summer months when the sun is at a higher angle.
  - The house does not face directly south.
- The house will not automatically cool down as it would if you turn on an air conditioner. If it's going to be a hot, sunny day, close the pleated shades on the south side to block solar gain and prevent the temperature from getting uncomfortable. At night, open windows downstairs and the skylights upstairs to create an updraft that pulls out hot air.
- Today, for example, there's plenty of sun. The temperature inside the house is already 70 degrees, and the thermostat is set at 68 degrees. I have opened the pleated shades for the open house, so the house is getting plenty of solar gain. If there was no open house, I would close some of the shades to keep the house a bit cooler.

Terri