

R-2000*



R-2000 Information for Electrical Trades

If you are asked to work on R-2000 homes there are some things you need to be aware of. R-2000 is a higher standard of building and your cooperation will be required to help the builder complete a successful R-2000 certified home.

These are some of the items that you should keep in mind while working on an R-2000 certified home.

- Electrical boxes at the air-vapour barrier must to be sealed. Use either poly pan boxes, gasket boxes or polyethylene boxes.
- Try to minimize wire runs on the exterior walls.
- Try to minimize wire protrusions to the exterior.
- Use sealed boxes for fixtures in exposed ceilings.
- Provide a plug in the upper wall or ceiling in the area where the HRV (Heat Recovery Ventilator) is to be installed.
- A carbon monoxide detector conforming to CAN/CSA-6.19-01 Residential Carbon Monoxide Alarming Devices is required in houses with either combustion appliances or an attached garage.
- Ask about the heating system. If you are responsible for the heating system **MAKE SURE YOU GET THE HEATING DESIGN SUMMARY** from the builder and **SIZE THE SYSTEM ACCORDINGLY!**
- If you are responsible for the Electric Hot Water Heater installation, confirm the standby loss meets the requirements for R-2000.
- Ensure the make and model numbers (labels) are easily viewable on any systems or equipment you are responsible for.
- Homes with electric radiant baseboards receive a credit if electronic thermostats are used on every zone. Ask the builder if he wishes to exercise this option.
- If you need to make changes to anything that goes to the exterior through the air-vapour barrier it is very important that you completely refill the cavity with insulation and re-seal any air-vapour barrier that you open.

* The above list covers the basic areas of the R-2000 requirements and is not a complete list. For more information on the R-2000 program contact HAWK-EYE Technical Services Inc. at (902) 431-8453 or visit their website at www.hawkeyetechnical.com